Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0001	Overall LMA	Total LMA						
American River Flood Control District	Rating	Miles						
	Α	34.47					Design 8	System
Rated Item			nce Deficiancy			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.05		0.05	0.15%	0.73	0.38		
Encroachments	0.00		0.00	0.1376	1.07	3.34		
Animal Control	0.02		0.02	0.06%	1.07	0.04		
Slope Stability	0.02		0.02	0.23%				
Supplemental	0.00		0.00	0.2370				
2015 USACE Erosion Survey, DRAFT	0.04		0.04	0.12%				
DWR UCIP Field Study					0.96	0.07		
LMA Totals:	0.19	0.00	0.19	0.55%	2.76	3.79	0.00	0.00
Unit No. 04 Avende Creek I D	Overall Unit	Total Unit						
Unit No. 01 Arcade Creek LB	Rating	Miles						
NIA 0004	A	2.08						
NA0001	A		nce Deficiancy		Enforce	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O Miles	IVI IVIIIES	O ivilles
Vegetation	0.01		0.01	0.48%	0.04	0.03		
Encroachments					0.30	0.27		
Slope Stability	0.04		0.04	1.92%				
Supplemental								
DWR UCIP Field Study					0.09	0.02		
Unit Totals:	0.05	0.00	0.05	2.40%	0.43	0.32	0.00	0.00
Unit No. 02 Natomas E Canal LB	Overall Unit	Total Unit						
Onit No. 02 Natomas E Canal EB	Rating	Miles						
NA0001	A	3.93						
			nce Deficiancy		Enforcement Design & S			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIICO	O WIIICO	W 1 40 Willes	Till Colloid 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O IVIIICO
Encroachments					0.02			
Animal Control	0.01		0.01	0.25%				
Slope Stability	0.03		0.03	0.76%				
Supplemental								
DWR UCIP Field Study					0.11	0.01		
Unit Totals:	0.04	0.00	0.04	1.02%	0.13	0.01	0.00	0.00
Unit No. 03 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	2.86						
		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments					0.01			
Supplemental			I					
DWR UCIP Field Study					0.09			
Unit Totals:	0.00	0.00	0.00	0.00%	0.10	0.00	0.00	0.00

Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 04 American River LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	10.86						
IVAGGOT	71	L	nce Deficiancy		Enforcement			& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.04		0.04	0.37%	0.58	0.20		
Encroachments					0.32	1.50		
Animal Control	0.01		0.01	0.09%				
Supplemental Supplemental	0.04		0.04	0.070/			I	Γ
2015 USACE Erosion Survey, DRAFT	0.04		0.04	0.37%	0.00	0.00		
DWR UCIP Field Study					0.26	0.02		
Unit Totals:	0.09	0.00	0.09	0.83%	1.16	1.72	0.00	0.00
Unit No. 05 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	0.41						
2		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1	I	T	T			1	I
Vegetation					0.08	0.07		
Unit Totals:	0.00	0.00	0.00	0.00%	0.08	0.07	0.00	0.00
Unit No. 06 Linda Creek LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	1.30						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Supplemental								
DWR UCIP Field Study					0.02			
Unit Totals:	0.00	0.00	0.00	0.00%	0.02	0.00	0.00	0.00
Unit No. 07 Arcade Creek RB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	1.93						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation					0.01	0.05		
Encroachments					0.04	0.19		
Slope Stability	0.01		0.01	0.52%				
Supplemental	I		T T	I	0.00	0.00		
DWR UCIP Field Study	0.04	0.00	0.04	0.500/	0.03	0.02	0.00	0.00
Unit Totals:	0.01	0.00	0.01	0.52%	0.08	0.26	0.00	0.00

Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 08 Magpie Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	1.44						
		Maintena	nce Deficiancy		Enforc	ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation						0.03		
Encroachments					0.36	0.54		
Supplemental								
DWR UCIP Field Study					0.02			
Unit Totals:	0.00	0.00	0.00	0.00%	0.38	0.57	0.00	0.00
Unit No. 09 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	A	4.20						
			nce Deficiancy		Enforc	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	O ivilles	IVI + 40 IVIIIes	Tilleshold /6	IVI IVIIICS	O Miles	IVI IVIIICS	O IVIIIes
Vegetation					0.01			
Encroachments						0.22		
Supplemental						<u> </u>		
DWR UCIP Field Study					0.12			
Unit Totals:	0.00	0.00	0.00	0.00%	0.13	0.22	0.00	0.00
Unit No. 10 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	3.90						
		Maintena	nce Deficiancy		Enforc	ement	Design 8	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	U Miles
Earthen Levee Encroachments					0.01	0.62		
Supplemental					0.01	0.02		
DWR UCIP Field Study					0.15			
Unit Totals:	0.00	0.00	0.00	0.00%	0.16	0.62	0.00	0.00
Unit No. 11 New Linda Creek LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	0.73						
Potod Itom		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.04			
Unit Totals:	0.00	0.00	0.00	0.00%	0.04	0.00	0.00	0.00

Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 12 American River LB	Overall Unit Rating	Total Unit Miles							
NA0001	A	0.84							
Rated Item		Maintena	nce Deficiancy		Enforc	Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation					0.01				
Encroachments					0.01				
Supplemental									
DWR UCIP Field Study					0.03				
Unit Totals:	0.00	0.00	0.00	0.00%	0.05	0.00	0.00	0.00	

LMA District Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			Α	
	** Non-receipt of Summ Reports may effect or	· · · · · · · · · · · · · · · · · · ·		

† SPRING INSPECTIONS:	Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.
FALL INSPECTIONS:	The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indiction of risk.
Comments	

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 01 Arcade Creek	Left	2.08

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/2/2016 - 3/2/2016		10/21/2016 - 10/21/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

		Ti .					
LM Start		Rating **	Α	Issue No.		2	
LM End		Issue Type +	Ma	Location *		N/A	
Catagory	Category Earthen Levee					le/Longitude	
Calegory				Start		End	
Item	Flood Pre	paredness &		0		0	
пеш				٥		0	
DWR ID	DWR_NA0	001_01_s _ 201	3_2				
		Comn	nent Coc	le			
	Inspector Comment						
The LMA h	as current	t flood fight tra	aining an	d a written	eme	rgency plan.	

No Photos

Rating ** Issue No. LM Start 24 Issue Type + Ма Location * N/A LM End Earthen Levee GPS Latitude/Longitude Category Start End Emergency Supplies & Item Equipment DWR ID DWR_NA0001_01_s _ 2013_24 Comment Code

No Photos

Inspector Comment
The LMA has flood fight supplies stored at various locations throughout the district.

LM Start		Rating **	Α	Issue No.		25		
LM End		Issue Type +	Ma	Location *	N/A			
Category	GPS Latitude/Longitude							
Calegory	Category				Start			
Item		s & Maintena		0		0		
item	Manuals				0		0	
DWR ID	DWR_NA0	001_01_s _ 201	3_25					
		Comn	nent Cod	de				
	Inspector Comment							
The LMA h	The LMA has a copy of the O&M Manual available at the office.							

No Photos

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.46	Rating **	М	Issue No.		81		
LM End	0.46	Issue Type +	Ma	Location *		LS		
Cotogony	evee	GPS La	atitud	e/Longitude				
Category				Start		End		
Slope Stability				38.6231	01°	38.623101°		
Item				-121.460573°		-121.460573°		
DWR ID DWR_NA0001_01_f _ 2015_81								
Comment Code								
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.								
		Inspecto	or Comm	nent				

"为"。《 图图》
10/21/2016

Photo 1 of 2: FA_2016_NA0001_51_81_20161031_00094.jpg

View of the landside levee slope damaged by foot traffic. Fall 2016.

LM Start	0.46	Rating **	М	Issue No.	81 (cont)
LM End	0.46	Issue Type +	Ma	Location *	LS

Photo 2 of 2: FA_2016_NA0001_51_81_20160914_00048.jpg



View of the landside levee slope damaged by foot traffic.

LM Start	0.48	Rating **	A/W	Issue No.		164	
LM End	0.48	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	Erosion / Bank Caving				27°	38.623227°	
item				-121.460399°		-121.460399°	
DWR ID DWR_NA0001_01_s _ 2012_164							
		Comn	nent Cod	de			
E1 : Note and monitor erosion site.							
Inspector Comment							
4'-5' diameter by 1' deep hole mid-slope on the landside.							



Another view of the depression on the landside levee slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.48	Rating **	A/W	Issue No.		164 (cont)		
LM End	0.48	Issue Type +	Ma	Location *		LS		
Category	Earthen Levee GPS Latitude/L					e/Longitude		
Calegory				Start		End		
Erosion / Bank Caving			38.6232	27°	38.623227°			
item				-121.460399°		-121.460399°		
DWR ID DWR_NA0001_01_s _ 2012_164								
		Comn	nent Cod	de				
E1 : Note a	and monito	or erosion site						
Inspector Comment								
4'-5' diameter by 1' deep hole mid-slope on the landside.								
	. '							

Photo 2 of 2: FA_2016_NA0001_51_164_20160914_00052.jpg



11/17/2011 Hole/depression approximately mid-slope.

Photo 1 of 1: UCIP_FA_2016_31169_57044.jpg

LM Start	0.66	Rating **	М	Issue No.	186		
LM End	0.66	Issue Type +	En	Location *	LS		
Category	Suppleme	ental		GPS La	titud	le/Longitude	
Calegory				Start		End	
Item	DWR UCIP Field Study			38.623668°		38.623668 °	
пеш				-121.457156 °		-121.457156°	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:31169 DS_ID:24800 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to coordinate with the City of Sacramento to determine if structure (assumed indicated by green/orange symbol)

crosses levee or symbol is referencing bridge.

FIELD_STRUCT_DESC: Indicator of crossing found on waterward side edge. Symbol for Flood Control Structure (green/orange circle) was found during field inspection 12/19/13, symbol matches flood control structures that the City of Sacramento inspects.

FS Date: 12/19/2013

Indicator of crossing found on waterward side edge. Symbol is a Flood Control Structure (green/orange circle).

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.66	Rating **	U	Issue No.		193
LM End	0.66	Issue Type +	En	Location *		LS
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory				Start		End
Item	DWR UCIP Field Study			38.62366	7°	38.623667°
пеш				-121.45713	4 °	-121.457134°
DWR ID						·

Inspector Comment

Comment Code

FS_ID:49930 DS_ID:24266 EP_NO: 3417 Repair Type: Urgent Crossing Status: Found

UCIP Comments: 8/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for 4-inch PG&E gasline to be raised to 200-year water surface elevation. Pipe will be modified on both the right and left bank. Elevation through the levee will need to be modified once pipe is raised through levee. (DWR UCIP - omagana)12/19/2013 no markers visible on waterward or landward side indicating this is a gas line--need to contact owner to determine if this crossing is gas line. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 1.5 feet below the crown. Corrugated metal (CM) cutoff wall around pipe at the center of levee. Pipe hung along bridge across channel. 4-inch gate valve will be installed on the LS approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002]

FS Date: 8/11/2016

LM Start	0.66	Rating **	U	Issue No.	193 (cont)
LM End	0.66	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_49930_57042.jpg

View of WS--pipe suspended along downstream face of bridge.

Photo 2 of 2: UCIP_FA_2016_49930_57041.jpg



Paint on paved levee indicates crossing could be a storm drain.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.74	Rating **	М	Issue No.		80
LM End	0.74	Issue Type +	En	Location *		LS
Catagonia Earthen Levee				GPS La	atitud	e/Longitude
Calegory	Category					End
Item	Encroachi	ments		38.6238	87°	38.623887°
item				-121.455735 °		-121.455735°
DWR ID	DWR_NA0	001_01_f _ 201	5_80	'		
		Comn	nent Cod	de		
FE : Fence)					
		Inspecto	or Comm	nent		
Chain-link	fence on L	S toe.				

No Photos

Rating ** Issue No. LM Start 0.75 Μ 79 0.75 Issue Type + En Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 38.623929° 38.623929° -121.455568 ° -121.455568° DWR ID DWR_NA0001_01_f _ 2015_79 Comment Code

No Photos

FE: Fence

Inspector Comment

Chain-link fence on LS toe.

LM Start	0.76	Rating **	M	Issue No.		78
LM End	0.76	Issue Type +	En	Location *		LS
Category	evee	GPS La	atitud	e/Longitude		
Calegory			Start		End	
Item	Encroach		38.6239	75°	38.623975°	
Item				-121.455394°		-121.455394°
DWR ID	DWR_NA0	001_01_f _ 201	5_78			
		Comn	nent Cod	de		
FE : Fence	9					
		Inspecto	or Comm	nent		
Chain-link	fence on L	S toe.				

No Photos

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable AW: Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.77	Rating **	U	Issue No.		183	
LM End	0.77	Issue Type +	En	Location *	LS		
Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Encroachi	38.6240	16°	38.624016 °			
item				-121.455193°		3° -121.455193°	
DWR ID DWR_NA0001_01_s _ 2012_183							
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Dog-eared	fence buil	t within 10' of	the toe				



11/17/2011 Wooden privacy fence.

LM Start	0.95	Rating **	U	Issue No.	182			
LM End	0.95	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start		End		
Item	Encroach	ments		38.6250	72°	38.625072 °		
пеш				-121.452225 °		-121.452225 °		
DWR ID	DWR_NA0	001_01_s _ 201	2_182			·		
		Comn	nent Cod	de				
FE : Fence	9							
	Inspector Comment							
Dog-eared wooden fence built within 10' of the toe.								



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	0.96	Rating **	М	Issue No.		77				
LM End	0.96	Issue Type +	En	Location *		LS				
Catagory	Category Earthen Levee					GPS Latitude/Longitude				
Calegory	Category					End				
Item	Encroach	ments		38.6250	93°	38.625093	0			
пеш				-121.4520	96°	-121.452096	0			
DWR ID	DWR_NA0	001_01_f _ 201	5_77							
		Comn	nent Coo	de						
FE : Fence	Э									
		Inspecto	or Comm	nent						
Chain-link	fence on L	S toe.								

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.00	Rating **	С	Issue No.		83		
LM End	1.00	Issue Type +	En	Location *		LS		
Category Earthen Levee				GPS La	atitud	e/Longitude		
Calegory	Sategory					End		
Item	Encroach	ments		38.6251	38°	38.625138	0	
пеш				-121.451367°		-121.451367	0	
DWR ID	DWR_NA0	001_01_s _ 201	6_83					
		Comn	nent Cod	de				
PR : Pruni	ngs							
	Inspector Comment							
Pruning at	landside t	oe.						

No Photos

LM Start	1.00	Rating **	М	Issue No.		60	
LM End	1.00	Issue Type +	Ma	Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Slope Sta	bility		38.62516	31 °	38.625161°	
item				-121.45130)2 °	-121.451302°	
DWR ID	DWR_NA0	001_01_f _ 201	5_60				

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Backfill the cut made by the footpath.

Photo 1 of 1 : FA_2016_NA0001_51_60_20160914_00039.jpg



View of the foot path on the waterside levee slope.

Photo 1 of 1: FA_2016_NA0001_51_76_20160914_00047.jpg

LM Start	1.05	Rating **	М	Issue No.	76		
LM End	1.05	Issue Type +	Ма	Location *	WS		
Category	evee	GPS Latitude/Longitude					
Calegory			Start		End		
Item	Slope Sta	bility		38.62506	69°	38.625069°	
пеш				-121.45036	60°	-121.450360°	
DWR ID	ID DWR_NA0001_01_f _ 2015_76						
	Comment Code						

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment



View of the waterside levee slope damaged by foot traffic.

** Rating
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
N: Not Inspected/Rated
M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
U: Unacceptable
AW: Acceptable but Monitor & Maintain
En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.14	Rating **	U	Issue No.		23		
LM End	1.14	Issue Type +	En	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
ltom	ltem Encroachments			38.6248	869°	38.624869°		
пеш				-121.448662 °		-121.448662 °		
DWR ID	DWR_NA0	001_01_s _ 201	2_23			·		
		Comn	nent Coc	de				
FE : Fence)							
Inspector Comment								
Dog-eared wooden fence and chain link fence is built against the levee								

Photo 1 of 1 : FA_2016_NA0001_51_23_20160914_00020.jpg

11/17/2011 Fence built on the levee slope.

LM Start	1.15	Rating **	A/W	Issue No.		82
LM End	1.15	Issue Type +	Ma	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Slope Sta	bility		38.624866 °		38.624866 °
itein				-121.448555 ° -121.448		
DWR ID	DWR ID DWR_NA0001_01_s _ 2016_82					
Comment Code						
S2 - Renair the levee slone damaged by foot traffic and prevent access						

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Homeless have created foot path.

slope.

Photo 1 of 1 : FA_2016_NA0001_51_82_20160914_00049.jpg



View of the waterside levee slope erosion.

LM Start	1.15	Rating **	U	Issue No.	22		
LM End	1.15	Issue Type +	En	Location *	LS		
Category	Earthen Levee			GPS La	atitud	le/Longitude	
Calegory			Start		End		
Item	Encroachments			38.6248	79°	38.624879°	
пеш				-121.4484	86°	-121.448486°	
DWR ID	DWR_NA0	001_01_s _ 201	2_22				
		Comn	nent Coo	le			
FE : Fence							
Inspector Comment							

Dog-eared wooden fence is built against the levee slope.



11/17/2011 Wooden privacy fence built at the levee toe.

*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable U: Unacceptable U: Unacceptable WA: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.17	Rating **	U	Issue No.		21		
LM End	1.17	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroachments			38.6249	06°	38.624906 °		
пеш				-121.4482	59°	-121.448259°		
DWR ID	DWR ID DWR_NA0001_01_s _ 2012_21							
		Comn	nent Cod	de				
FE : Fence)							
Inspector Comment								
Dog-eared wooden fence is built against the levee slope.								



View of the fence at the landside levee toe.

LM Start	1.17	Rating **	С	Issue No.		75	
LM End	1.17	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Encroach	ments		38.6249	28°	38.624928°	
пеш				-121.4481	06°	-121.448106°	
DWR ID	001_01_f _ 201			·			
Comment Code							

PR: Prunings

Inspector Comment

Tree trimmings and debris blocking visibility at LS toe.

Dog-eared wooden fence is built against the levee slope.

No Photos

LM Start	1.18	Rating **	U	Issue No.	20		
LM End	1.18	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category			Start		End		
ltem Encroachments			38.6249	00°	38.624900	0	
item				-121.448037 °		-121.448037	0
DWR ID	DWR_NA0	001_01_s _ 201	2_20				
		Comn	nent Coo	de			
FE : Fence	FE : Fence						
Inspector Comment							

Photo 1 of 1: FA_2016_NA0001_51_20_20160914_00017.jpg

Photo of solid fences built against the levee slope.

* Location		** Rating		+ Issue Type
LS: Land Side	N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.22	Rating **	М	Issue No.		187
LM End	1.22	Issue Type +	En	Location *	LS	
Category Supplemental			GPS Latitude/Longitude			
				Start		End
Item	DWR UCI	P Field Study		38.6251	17°	38.625117°
пеш	m			-121.4473	18°	-121.447318°
DWR ID						
Comment Code						

Inspector Comment

FS_ID:31178 DS_ID:24248 EP_NO: 14575

Repair Type: Non-Urgent Crossing Status: Not Found

UCIP Comments: Crossing is present in the layer provided by the City of Sacramento, however this crossing was not found in the field. Need to determine status of crossing. If crossing is no longer used, owner will need to coordinate with Central Valley Flood Protection Board to comply with Title 23.

FIELD_STRUCT_DESC: 30-inch concrete encased steel water main through the levee, 4.5 feet below the crown. Steel cutoff wall around

pipe at center of levee. (Permit No. 14575-1988) FS Date: 12/19/2013

Photo 1 of 1 : UCIP_FA_2016_31178	3 57059.jpg
A STATE OF THE PARTY OF THE PAR	
	1-2"
66"	80"
24	
	1/3
NA0001U1	
	11

Alignment indicated in blue is approximate locations for pipes that cross levee. Alignment information was obtained from the City of Sacramento.

LM Start	1.25	Rating **	С	Issue No.		74
LM End	1.25	Issue Type +	Ma	Location *	LS	
Category Earthen Levee				GPS La	tituc	le/Longitude
				Start		End
Item	Animal Co	ontrol		38.62529	97°	38.625297°
item	1			-121.44685	3°	-121.446853°
DWR ID	DWR_NA0	001_01_f _ 201	5_74			
Comment Code						

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA grouted holes.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.26	Rating **	U	Issue No.		18		
LM End	1.26	Issue Type +	En	Location *	LS			
Category	Earthen Levee				atitud	e/Longitude		
Calegory	ategory			Start		End		
Item	Encroachments			38.625395°		38.625395 °		
пеш				-121.446608°		-121.446608°		
DWR ID	DWR_NA0	001_01_s _ 201	2_18					
		Comn	nent Cod	de				
BU : Building								
-								
	Inspector Comment							

Cement block building within 10-ft of toe. Storage of equipment and supplies blocking visibility.



Fall 2009 photo: Buildings and fence near levee toe.

LM Start	1.28	Rating **	М	Issue No.		184
LM End	1.28	Issue Type +	En	Location *		LS
Supplemental				GPS Latitude/Longitude		
Category				Start		End
Item	DWR UCI	P Field Study		38.62550	00°	38.625500°
пеш			-121.44639	90°	-121.446390°	
DWR ID						

Comment Code

Inspector Comment

FS_ID:30085 DS_ID:24576 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 1 of 3: 16-inch pipe through the levee, 8.0 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986).

FS Date: 12/19/2013

Photo 1 of 2: UCIP_FA_2016_30085_55489.jpg



Overview of levee crown at crossing.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.28	Rating **	М	Issue No.		184 (cont)		
LM End	1.28	Issue Type +	En	Location *		LS		
Category	Supplemental				GPS Latitude/Longitude			
Calegory	Category			Start		End		
Item	DWR UCI	P Field Study		38.62550	00°	38.625500°		
пеш				-121.44639	90°	-121.446390 °		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:30085 DS_ID:24576 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 1 of 3: 16-inch pipe through the levee, 8.0 feet below the crown. Floodgates within the levee across the channel,

installed under Permit No. 14480 (1986).

FS Date: 12/19/2013



Underground service alert (USA) paint markings visible on waterward

LM Start	1.28	Rating **	М	Issue No.		185
LM End	1.28	Issue Type +	En	Location *		LS
Category	ental	GPS Latitude/Longitude				
Calegory				Start		End
Item	DWR UCI	P Field Study		38.6255	00°	38.625500°
item				-121.4463	90°	-121.446390°
DWR ID						

Inspector Comment

Comment Code

FS_ID:29732 DS_ID:24577 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986).

FS Date: 12/19/2013



Overview of levee crown.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.28	Rating **	М	Issue No.		185 (cont)			
LM End	1.28	Issue Type +	En	Location *		LS			
Supplemental				GPS Latitude/Longitude					
Calegory	Category			Start		End			
ltom	DWR UCI	P Field Study		38.62550	o°	38.625500	0		
пеш	Item			-121.44639	o°	-121.446390	0		
DWR ID									
	Comment Code								

Inspector Comment

FS_ID:29732 DS_ID:24577 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Floodgates within the levee across the channel, installed under Permit No. 14480

(1986).

FS Date: 12/19/2013



Underground service alert (USA) paint markers visible on waterward shoulder--unable to confirm type of crossings.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.28	Rating **	U	Issue No.		194
LM End	1.28	Issue Type +	En	Location *		LS
Category	Suppleme	ental		GPS Latitude/Longitue		
Calegory				Start		End
Item	DWR UCI	P Field Study		38.62550)9°	38.625509°
пеш				-121.44631	1 °	-121.446311 °
DWR ID						·

Comment Code

Inspector Comment

FS_ID:49932 DS_ID:24252 EP_NO: 15152 Repair Type: Urgent

Crossing Status: Indicator Found

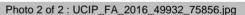
UCIP Comments: 8/11/2016 Markers still missing. Unable to confirm if line will be raised to 200-year water surface elevation at this site. (DWR UCIP - omagana)12/19/2013 Need to confirm if this crossing is gas line. Need to contact owner to determine status of crossing (active or inactive) and to determine last inspection date. Will need copy of letter showing crossings passed inspection. Missing utility markers. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent on the waterside (WS) shoulder. Unable to confirm if crossing will be raised to 200-year water surface elevation within Unit 1. (4-inch gas line installed under Permit No. 15152, 1989 - Pacific Gas & Electric Company [PG&E], 4-inch gas line raised above the 200-year water surface elevation under Permit No. 15152-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 8/11/2016

LM Start	1.28	Rating **	U	Issue No.	194 (cont)
LM End	1.28	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_49932_75855.jpg

View of levee crown where crossing should be--no markers found.





Underground service alert (USA) markings found on WS shoulder, photo 1 of 2.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy Ob: Design & System Obsolescence C: Corrected U: Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.33	Rating **	U	Issue No.		73				
LM End	1.33	Issue Type +	En	Location *		LS				
Category	evee		GPS La	atitud	le/Longitude					
Calegory				Start		End				
Item	Encroachments 38.625869° 38.6					38.625869°				
item				-121.4454						
DWR ID DWR_NA0001_01_f _ 2015_73										
		Comn	nent Cod	de						
FE : Fence)									
			-							
		Inspecto	or Comm	nent						
Fence at L	S toe.									



View of the fence at the landside levee toe.

-									
LM Start	1.33	Rating **	U	Issue No.		17			
LM End	1.33	Issue Type +	En	Location *		LS			
Category	evee	GPS L	atitud	e/Longitude					
Category				Start		End			
Item	Encroachi	ments		38.6258	885°	38.625885 °			
пеш				-121.4454	5424° -121.44542				
DWR ID DWR_NA0001_01_s _ 2012_17									
		Comn	nent Cod	de					
FE : Fence	9								
		Inspecto	or Comm	nent					
Wooden p	rivacy fend	е							



11/17/2011 Wooden privacy fence built at the levee toe. Levee slope is being used to support the fence.

LM Start	1.34	Rating **	N	Issue No.		26				
LM End	1.34	Issue Type +	Ма	Location *	LS					
Category	Earthen L	evee		GPS La	atitud	le/Longitude				
Category				Start		End				
Item	Trim / Thi	n Trees	38.625926 ° 38.62							
item				-121.4453	29°	-121.445329°				
DWR ID	DWR ID DWR_NA0001_01_f _ 2013_26									
		Comn	nent Cod	le						
T5 : Tree s	stumps.									
		Inspecto	or Comm	ent						

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.35	Rating **	U	Issue No.		50				
LM End	1.35	Issue Type +	En	Location *		LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude				
Calegory				Start		End				
Item	Encroachi	ments		38.6259	82°	38.625982 °				
item				-121.4452	31 °	-121.445231 °				
DWR ID DWR_NA0001_01_s _ 2014_50										
		Comn	nent Cod	de						
FE : Fence	€									
			•							
		Inspecto	or Comm	nent						



View of the fence at the landside levee toe obstructing visibility and access.

		D :: **									
LM Start	1.36	Rating **	U	Issue No.		16					
LM End	1.36	Issue Type +	En	Location *		LS					
Category	Earthen L	evee	GPS La	atitud	e/Longitude						
Category				Start		End					
Item	Encroach	ments		38.6260	000° 38.626000						
item				-121.4449	78°	-121.444978 °					
DWR ID DWR_NA0001_01_s _ 2012_16											
		Comn	nent Cod	de							
FE : Fence	Э										
		Inspecto	or Comm	nent							
Wooden p	rivacy fend	е									
	. ,										



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.36	Rating **	N	Issue No.		178			
LM End	1.36	Issue Type +	Ма	Location *		LS			
Category	Earthen L	evee		GPS Latitude/Longitude					
Category				Start	End				
Item	Trim / Thi	n Trees		38.626063 ° 38.62606					
пеш				-121.4449	988°	-121.444988 °			
DWR ID DWR_NA0001_01_s _ 2012_178									
		Comn	nent Cod	de					
T5 : Tree s	stumps.								
		Inspecto	or Comm	nent					
Two stump	s at lands	ide toe.							



11/17/2011 Two stumps at levee toe.

* Location	** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement	
Th				D 40 -f 00

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.37	Rating **	U	Issue No.		15	
LM End	1.37	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.6260)48°	38.626048°	
пеш				-121.4447	'85 °	-121.444785°	
DWR ID DWR_NA0001_01_s _ 2012_15							
		Comn	nent Cod	de			
FE: Fence	9						
Inspector Comment							
Wooden privacy fence LS toe.							



View of the fence at the landside levee toe.

LM Start	1.38	Rating **	U	Issue No.		14		
LM End	1.38	Issue Type +	Location *		LS			
Category	Earthen L	evee		GPS Latitude/Longitude				
Odlogory				Start		End		
Item	Encroach	ments		38.6260	85°	38.626085°		
itom				-121.4445	80°	-121.444580 °		
DWR ID	DWR ID DWR_NA0001_01_s _ 2012_14							
		Comn	nent Cod	de				
FE : Fence	9							
Inspector Comment								
Wooden privacy fence								



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.40	Rating **	М	Issue No.		38	
LM End	1.40	1.40 Issue Type + En Location * LS					
Category	Earthen L	evee		GPS Latitude/Longitude			
Odlogory				Start		End	
ltem	Encroachi	ments		38.6262	10°	38.626210 °	
item				-121.4443	20°	-121.444320 °	
DWR ID	DWR ID DWR_NA0001_01_s _ 2012_38						
		Comn	nent Cod	le			
BU : Buildi	ng						
Inspector Comment							
Small wooden storage shed and firewood are placed along chain link fence within 10-ft of levee toe.							



11/17/2011 Shed and firewood can be seen through the chainlink fence.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.40	Rating **	U	Issue No.	No. 13	
LM End	1.40	Issue Type +	En	Location *	LS	
Catagory	Category Earthen Levee				titud	le/Longitude
Category				Start		End
Item	Encroachments			38.6261	55°	38.626155°
пеш				-121.4442	50°	-121.444250°
DWR ID	DWR ID DWR_NA0001_01_s _ 2012_13					
	Comment Code					

FE : Fence

Inspector Comment

Wooden fence with barbed wire is built within 10-ft of levee toe. 04/13/2011 Fence has blown over and now partially rests on the levee. Fall insp 2011 fence has been rebuilt in same location, within 10' of levee toe.



11/17/2011 New wooden privacy fence built within 15' of the levee toe.

LM Start	1.41	Rating **	N	Issue No.	72			
LM End	1.41	Issue Type +	Ma	Location *	LS			
Category	Earthen Levee				GPS Latitude/Longitude			
Category						End		
Item	Trim / Thi	n / Thin Trees			53°	38.626253°		
item			-121.4441	65 °	-121.444165 °			
DWR ID	DWR_NA0	DWR_NA0001_01_f _ 2015_72				·		
		Comment Code						
T5 : Tree stumps.								

Inspector Comment

No Photos

LM Start	1.41	Rating **	U	Issue No.	12	
LM End	1.41	Issue Type +	En	Location *		LS
Category	Category Earthen Levee				atitud	le/Longitude
Calegory			Start		End	
Item	Encroachments			38.6262	12°	38.626212°
item			-121.4440	82 °	-121.444082°	
DWR ID	/R ID DWR_NA0001_01_s _ 2012_12					
Comment Code						

FE: Fence

Inspector Comment

Dog-eared wooden fence is built near the levee slope.

Photo 1 of 1: FA_2016_NA0001_51_12_20160914_00010.jpg



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

* Location + Issue Type Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side : Acceptable : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence A/W : Acceptable but Monitor & Maintain U : Unacceptable En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.42	Rating **	U	Issue No.		177	
LM End	1.42	Issue Type +	En	Location *	LS		
Cotomoni	Earthen Levee					e/Longitude	
Category				Start		End	
Item	Vegetatio	า		38.6263	88°	38.626388 °	
item				-121.4439	10°	-121.443910°	
DWR ID	DWR ID DWR_NA0001_01_s _ 2012_177						
		Comn	nent Cod	de			
V6 : Lands	caping						
Inspector Comment							
Thick vegetation at the toe.							



11/17/2011 Thick vegetation at the levee toe.

Rating ** Issue No. LM Start 1.42 71 1.42 Issue Type + Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 38.626388° 38.626388° -121.443905 ° -121.443905° DWR ID DWR_NA0001_01_f _ 2015_71 Comment Code

FE: Fence

Inspector Comment

Chain-link fence at LS toe.

No Photos

LM Start	1.44	Rating **	U	Issue No.		70	
LM End	1.44	Issue Type +	En	Location *	LS		
Category	Earthen Levee				atitud	le/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.6265	89°	38.626589	0
item				-121.4436	40°	-121.443640	0
DWR ID	DWR ID DWR_NA0001_01_f _ 2015_70						
		Comn	nent Coc	de			
FE : Fence	9						
	Inspector Comment						
Rought iro	Rought iron fence at LS toe blocks access.						



View of the fence at the landside levee toe.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.47	Rating **	A/W	Issue No.		176	
LIVI Start	1.47						
LM End	1.47	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.6268	81 °	38.626881 °	
пеш				-121.4432	53°	-121.443253 °	
DWR ID DWR_NA0001_01_s _ 2012_176							
		Comn	nent Cod	de			
FE : Fence	Э						
		Inspecto	or Comm	nent			
Wooden privacy fence within 10' of the levee toe.							



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

LM Start	1.50	Rating **	М	Issue No.	69		
LM End	1.50	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS La	titud	le/Longitude	
				Start		End	
Item	Encroach	ments		38.6270	94°	38.627094°	
пеш				-121.4429	17°	-121.442917°	
DWR ID DWR_NA0001_01_f _ 2015_69							
Comment Code							

FE: Fence

Inspector Comment

Chain-link fence on LS toe.

No Photos

LM Start	1.52	Rating **	N	Issue No.		56			
LM End	1.52	Issue Type +	Ma	Location *	LS				
Category	Earthen Levee				atitud	e/Longitude			
Category				Start		End			
Item	Trim / Thi	n Trees		38.6272	24°	38.627224°			
item				-121.4425	15°	-121.442515°			
DWR ID	DWR ID DWR_NA0001_01_s _ 2012_56								
		Comn	nent Coo	le					
T5 : Tree s	stumps.								
		Inspecto	or Comm	ent					
5 stumps 1	5 stumps 14 to 30 Inches in diameter.								



Several large stumps on levee slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.53	Rating **	М	Issue No.		35			
LM End	1.53	Issue Type +	En	Location *	LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Vegetatio	n		38.6272	55 °	38.627255 °			
пеш				-121.4424	02 °	-121.442402 °			
DWR ID DWR_NA0001_01_s _ 2012_35									
		Comn	nent Cod	de					
V6 : Lands	caping								
	Inspector Comment								
Bushes and trees along chain link fence block access and visibility.									
,									



Fall 2009 photo: Vegetation obstructing visibility near levee slope.

LM Start	1.54	Rating **	М	Issue No.		68		
LM End	1.54	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Category				Start		End		
Item	Vegetatio	n		38.6272	83°	38.627283°		
пеш			-121.4421	80°	-121.442180°			
DWR ID	DWR_NA0	001_01_f _ 201	5_68					
		Comn	nent Cod	de				
V6 : Lands	caping							
			•					
	Inspector Comment							
Cactus planted along LS toe.								



View of the landscaping at the landside levee toe.

LM Start	1.55	Rating **	M	Issue No.		49		
LM End	1.55	Issue Type +	En	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Category				Start		End		
Item	Encroachi	ments		38.6272	97°	38.627297	0	
Item				-121.4419	61 °	-121.441961	0	
DWR ID	DWR_NA0	001_01_f _ 201	5_49					
		Comn	nent Cod	de				
FE : Fence	9							
		Inspecto	or Comm	nent				
Chain-link fence on LS toe.								

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.57	Rating **	М	Issue No.		192
LM End	1.57	Issue Type +	Issue Type + En			LS
Category	ental	GPS Latitude/Longitude				
Calegory	Category					End
Item	DWR UCI	P Field Study		38.6272	77 °	38.627277°
пеш				-121.4416	50°	-121.441650°
DWR ID						·

Inspector Comment

Comment Code

FS_ID:46793 DS_ID:24573 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 11/12/15 Markers have been installed on both levees--confirmed during DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13 No markers visible indicating crossing through levee. PG&E line. Need to coordinate with owner. Permit?

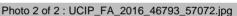
FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee, at

unknown depth and goes under the channel. FS Date: 11/12/2015 1:52:00 PM

LM Start	1.57	Rating **	М	Issue No.	192 (cont)
LM End	1.57	Issue Type +	En	Location *	LS



Markers installed on both levees in 2015.





Overview of area near crossing. Inspector is standing where crossing goes through levee.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.58	Rating **	М	Issue No.	188			
LM End	1.58	Issue Type +	En	Location *	LS			
Supplemental				GPS Latitude/Longitude				
Calegory	Category					End		
Item	DWR UCI	P Field Study		38.62724	۱1°	38.627241 °		
пеш				-121.44146	65 °	-121.441465 °		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:31182 DS_ID:24255 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 1/29/14 1/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 24-inch CMP not 15-inch--need to clarify with owner. Crossing is operational.

FIELD_STRUCT_DESC: 15-inch pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end.

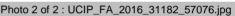
FS Date: 12/19/2013

LM Start	1.58	Rating **	М	Issue No.	188 (cont)
LM End	1.58	Issue Type +	En	Location *	LS

Photo 1 of 2: UCIP_FA_2016_31182_57075.jpg



Alignment in blue is an estimate of pipe alignment provided by the City of Sacramento. The symbol at LM 1.58 is field confirmed location.





Overview of levee at crossing.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

	1.58		A/W	Issue No.		54		
	1.50	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Slope Stal	bility		38.6272	51 °	38.627251 °		
пеш				-121.441460 ° -121.441				
DWR ID DWR_NA0001_01_s _ 2012_54								
		Comn	nent Cod	le				
S2 : Repair where poss		slope damag	jed by fo	ot traffic an	d pr	event access		
		Inspecto	or Comm	ent				



Slope stability due to foot traffic needs to be monitored.

LM Start	1.60	Rating **	М	Issue No.		67
LM End	1.60	Issue Type +	En	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End
Item	Encroach	ments		38.6272	07°	38.627207°
пеш				-121.4411	04°	-121.441104°
DWR ID	DWR_NA0	001_01_f _ 201	5_67			

Comment Code

FE: Fence

Inspector Comment

Fence at landside levee toe. 6 fruit trees and various cactus plants at LS toe.

Photo 1 of 1 : FA_2016_NA0001_51_67_20160914_00043.jpg



View of the fence and landscaping at the landside levee toe.

LM Start	1.61	Rating **	М	Issue No.		66			
LM End	1.68	Issue Type +	En	Location *		LS			
Category	Catagory Earthen Levee				GPS Latitude/Longitude				
Category	Salegory			Start		End			
Item	Encroach	ments		38.627195°		38.627500°			
itom				-121.4409	74 °	-121.439766 °			
DWR ID DWR_NA0001_01_f _ 2015_66									
	Comment Code								
FF F									

FE: Fence

Inspector Comment

Fence at landside levee toe.



View of the fence at the landside levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.61	Rating **	N	Issue No.		31		
LM End	1.61	Issue Type +	Ma	Location *		LS		
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Trim / Thi	n Trees		38.6271	91 °	38.627191°		
item				-121.440861 °		-121.440861 °		
DWR ID DWR_NA0001_01_f _ 2012_31								
		Comn	nent Cod	de				
T5 : Tree s	stumps.							
		Inspecto	or Comm	nent				



View of large tree stump at levee toe.

LM Start 1.65 Rating ** Issue No. 173

No Photos

		-				-
LM End	1.65	Issue Type +	Ma	Location *		LS
Category	Category Earthen Levee			GPS Latitude/Longitude		
Category	Category			Start		End
Item	Trim / Thi	n Trees		38.6272	97°	38.627297°
item				-121.4401	88°	-121.440188°
DWR ID	DWR_NA0	001_01_f _ 201	5_173			
		Comn	nent Cod	le		
T5 : Tree s	stumps.					
		Inspecto	or Comm	ent		
LMA remo	ved stump					

LM Start	1.69	Rating **	A/W	Issue No.		65		
LM End	1.69	Issue Type +	Ma	Location *	LS			
Category	evee	GPS Latitude/Longitude						
Calegory				Start		End		
Item Animal Control				38.6275	85°	38.627585°		
				-121.4395	61 °	-121.439561 °		
DWR ID DWR_NA0001_01_f _ 2015_65								
Comment Code								
A3 : No rodents visible, but rodent burrows visible; need to backfill and								

compact or grout burrows.

Inspector Comment

LMA grouted this area.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.69	Rating **	М	Issue No.		48		
LM End	1.69	Issue Type +	Ma	Location *		LS		
Category Earthen Levee			GPS Latitude/Longitude					
Calegory				Start		End		
Item	Vegetation			38.6275	94°	38.627594°		
пеш			-121.4395	40°	-121.439540°			
DWR ID	DWR ID DWR_NA0001_01_s _ 2014_48							
Comment Code								
V2 : Remove the wild growth other than native grasses from the levee								

slopes.

Inspector Comment

Tree obstructing visibility and access.



View of the overgrown tree at the landside levee toe.

LM Start	1.69	Rating **	М	Issue No.		62
LM End	1.69	Issue Type +	En	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Category				Start		End
Item	Encroachments			38.62763	30°	38.627630°
item			-121.43945	58°	-121.439458°	
DWR ID DWR_NA0001_01_f _ 2015_62						
Comment Code						

FE: Fence

Inspector Comment

Fence at landside levee toe.

No Photos

LM Start	1.74	Rating **	A/W	Issue No.		84	
LM End	1.74	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Category						End	
Item	Erosion / Bank Caving			38.6278	46°	38.627846	0
пеш				-121.4386	41 °	-121.438641	0
DWR ID	DWR_NA0	001_01_s _ 201	6_84				
		_	_				

Comment Code

E1: Note and monitor erosion site.

Inspector Comment

The LMA is making plans to repair this site soon. Erosion has not progressed as of Fall 2016.

Photo 1 of 1: FA_2016_NA0001_51_84_20160914_00050.jpg



View of the erosion on the waterside levee berm.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.79	Rating **	U	Issue No.		10	
LM End	1.79	Issue Type +	En	Location *	LS		
Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachments			38.6279	48°	38.627948 °	
пеш		-121.4376	82°	-121.437682°			
DWR ID DWR_NA0001_01_f _ 2012_10							
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Wooden fe	Wooden fence constructed at LS levee toe.						



View of new fence constructed at levee toe and 7 redwood trees planted behind fence within easement.

LM Start	1.81	Rating **	U	Issue No.	170			
LM End	1.81	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS La	atitud	le/Longitude		
				Start		End		
ltem Vegetation			38.6279	34°	38.627934°			
			-121.437423°		-121.437423 °			
DWR ID	DWR_NA0	001_01_s _ 201	2_170					
		Comn	nent Coc	le				
V6 : Lands	caping							
Inspector Comment								
Growth on	old woode	n fence whic	h has sir	nce heen re	nlac	red by a		

Growth on old wooden fence, which has since been replaced by a chainlink fence is obstructive.



View of the landscaping at the landside levee toe.

LM Start	1.82	Rating **	U	Issue No.		169			
LM End	1.82	Issue Type +	En	Location *		LS			
Category Earthen Levee				GPS La	atitud	e/Longitude			
				Start		End			
Item	Encroachments			38.6279	22 °	38.627922 °			
пеш				-121.4372	96°	-121.437296°			
DWR ID	DWR ID DWR_NA0001_01_s _ 2012_169								
		Comn	nent Cod	de					
BU : Buildi	ng								
Inspector Comment									
Shed on concrete pad within 10' of the levee toe.									



11/17/2011 Wooden shed on concrete pad built within 15' of levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.82	Rating **	М	Issue No.		64	
LM End	1.82	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.6279	07°	38.627907 °	
пеш				-121.4371	87 °	-121.437187°	
DWR ID	DWR_NA0	001_01_f _ 201	5_64				
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Chain-link fence at landside levee toe.							

No Photos

LM Start	1.83	Rating **	U	Issue No.		33			
LM End	1.83	Issue Type +	En	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Encroachi		38.6278	97°	38.627897	0			
пеш				-121.4370	73°	-121.437073	0		
DWR ID	DWR_NA0	001_01_s _ 201	2_33						
		Comn	nent Cod	de					
BU : Buildi	ng								
Inspector Comment									
Wooden animal pen is built against levee slope.									



11/17/2011 Wooden structure is built within 15' of the levee toe.

LM Start	1.84	Rating **	М	Issue No.		63			
LM End	1.84	Issue Type +	En	Location *	LS				
Category	Earthen L	evee		GPS La	atitud	le/Longitude			
Category				Start		End			
Item	Encroach	ments		38.6278	79°	38.627879°			
item				-121.4368	89°	-121.436889°			
DWR ID	DWR_NA0	001_01_f _ 201	5_63						
		Comn	nent Cod	de					
FE : Fence	Э								
		Inspecto	or Comm	nent					
Fence at la	Fence at landside levee toe.								



View of the fence at the landside levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.85	Rating **	М	Issue No.		9		
LM End	1.85	Issue Type +	En	Location *		LS		
Cotomoni	Earthen L	evee		GPS La	atitud	le/Longitude		
Category				Start		End		
Item	Encroachi	ments		38.6278	84°	38.627884°		
iteiii				-121.4366	82°	-121.436682 °		
DWR ID	DWR_NA0	001_01_s _ 201	2_9					
		Comn	nent Coo	le				
FE : Fence	Э							
			•					
		Inspecto	or Comm	ent				



View of the fence at the landside levee toe.

LM Start	1.85	Rating **	М	Issue No.		8
LM End	1.85 Issue Type + En Location *		Issue Type + En			LS
Category	evee		GPS Latitude/Longitude			
Calegory				Start		End
Item	Vegetatio	n		38.62788	39°	38.627889°
пеш				-121.43663	38°	-121.436638°
DWR ID DWR_NA0001_01_s _ 2012_8						

Comment Code

V6: Landscaping

Inspector Comment

Ivy, trees and other landscaping growing on a privacy fence are obstructing visibility.

Photo 1 of 1 : FA_2016_NA0001_51_8_20160914_00007,jpg

11/17/2011 Landscaping vegetation growth on the fence is obstructive.

LM Start	1.86	Rating **	U	Issue No.		7	
LM End	1.86	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.6278	89°	38.627889 °	
пеш				-121.4364	54°	-121.436454°	
DWR ID	DWR_NA0	001_01_s _ 201	2_7				
		Comn	nent Cod	de			
V6 : Lands	caping						
	Inspector Comment						
Metal sided shelter, blackberries and cherry trees are obstructive.							



11/17/2011 Blackberries growing on fence are obstructive.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

	_						
LM Start	1.86	Rating **	М	Issue No.		61	
LM End	1.86	Issue Type +	En	Location *		LS	
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.6278	85 °	38.627885°	
item				-121.4364	23 °	-121.436423°	
DWR ID	DWR_NA0	001_01_f _ 201	5_61				
		Comn	nent Cod	de			
FE : Fence	Э						
Inspector Comment							
Fence at landside levee toe.							



View of the fence at the landside levee toe.

LM Start	1.88	Rating **	М	Issue No.		59
LM End	1.88	Issue Type +	En	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.62787	71 °	38.627871 °
				-121.43619	91 °	-121.436191°
DWR ID	DWR_NA0001_01_f _ 2015_59					
Comment Code						

FE : Fence

Inspector Comment

Fence at landside levee toe.

Photo 1 of 1 : FA_2016_NA0001_51_59_20160914_00038.jpg

View of the fence at the landside levee toe.

LM Start	1.88	Rating **	M	Issue No.		58
LM End	1.88	Issue Type +	En	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.6278	60°	38.627860 °
				-121.4360	98 °	-121.436098 °
DWR ID	DWR_NA0001_01_f _ 2015_58					
Comment Code						
PO · Pole						

PO : Pole

Inspector Comment

Pole at the landside levee toe with guy wire penetrating the landside levee slope.

Photo 1 of 1 : FA_2016_NA0001_51_58_20160914_00037.jpg



View of the pole at the landside levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.89	Rating **	М	Issue No.		57	
LM End	1.89	Issue Type +	En	Location *		LS	
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachments			38.6278	37°	38.627837°	
item			-121.4359	73°	-121.435973°		
DWR ID DWR_NA0001_01_f _ 2015_57							
Comment Code							
FE : Fence	Э						
Inspector Comment							
Fence at landside levee toe.							



View of the fence at the landside levee toe.

LM Start	1.90	Rating **	U	Issue No.		6		
LM End	1.90	Issue Type +	En	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Item	Encroach	ments		38.627725°		38.627725 °		
пеш				-121.4357	15°	-121.435715°		
DWR ID DWR_NA0001_01_s _ 2012_6								
Comment Code								

FE : Fence

Inspector Comment

Dog-eared wooden fence is built within 10-ft of the levee slope.

Photo 1 of 1 : FA_2016_NA0001_51_6_20160914_00005.jpg

11/17/2011 Wooden privacy fence built at the levee toe.

1.91	Rating **	U	Issue No.		5		
1.91	Issue Type +	En	Location *		LS		
Earthen L	evee		GPS La	atitud	e/Longitude		
			Start		End		
Encroachments			38.6276	80°	38.627680 °		
			-121.435555 °		-121.435555 °		
DWR ID DWR_NA0001_01_s _ 2012_5							
	Comn	nent Cod	de				
!							
Inspector Comment							
Dog-eared wooden fence is built against the levee slope.							
	1.91 Earthen L Encroachi DWR_NA0	1.91 Issue Type + Earthen Levee Encroachments DWR_NA0001_01_s _ 201	1.91 Issue Type + En Earthen Levee Encroachments DWR_NA0001_01_s _ 2012_5 Comment Coc	1.91 Issue Type + En Location *	1.91 Issue Type + En Location * Earthen Levee GPS Latitud Start Encroachments 38.627680 ° -121.435555 ° DWR_NA0001_01_s _ 2012_5 Comment Code Inspector Comment		



11/17/2011 Wooden privacy fence built at the levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.92	Rating **	U	Issue No.		4	
LM End	1.92	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	Encroachments			'15 °	38.627715°	
пеш				-121.435452 °		-121.435452°	
DWR ID DWR_NA0001_01_s _ 2012_4							
		Comn	nent Cod	de			
FE : Fence	Э						
Inspector Comment							
Wooden fence and landscaping completely block visibility.							
, , ,							

Photo 1 of 1: FA_2016_NA0001_51_4_20160914_00003.jpg 10/28/2015

View of the wooden fence at the landside levee toe.

LM Start	1.93	Rating **	U	Issue No.		3
LM End	1.93	Issue Type +	En	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Encroachments			38.6276	58°	38.627658 °
пеш			-121.4351	92°	-121.435192°	
DWR ID DWR_NA0001_01_s _ 2012_3						

Comment Code

FE : Fence

Inspector Comment

Dog-eared wooden fence is built against the levee slope.

Photo 1 of 1: FA_2016_NA0001_51_3_20160914_00002.jpg



View of the fence at the landside levee toe.

LM Start	1.93	Rating **	U	Issue No.		30		
LM End	1.93	Issue Type +	En	Location *		LS		
Catagory Earthen Levee			GPS Latitude/Longitude					
Calegory	Category			Start		End		
Item	Encroachments			38.6276	46°	38.627646°		
item				-121.4351	51 °	-121.435151 °		
DWR ID	DWR ID DWR_NA0001_01_s _ 2012_30							
Comment Code								
BU : Building								

Inspector Comment

Concrete pad and wooden frame structure is being built within 15-ft of levee toe.



Building on concrete pad within 15 feet of the landside levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.95	Rating **	М	Issue No.		191		
LM End	1.95	Issue Type +	En	Location *	LS			
Category	ental	GPS La	titud	le/Longitude				
Calegory	Category					End		
Item	DWR UCI	P Field Study		38.62756	8°	38.627568 °		
пеш		-121.43481	5 °	-121.434815 °				
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:41549 DS_ID:24259 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 1/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 10-inch not 15-inch-need to clarify with owner. Crossing is operational.

FIELD_STRUCT_DESC: 15-inch pipe through the levee, 8.5 feet below

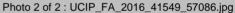
the crown. Flap gate on the waterside (WS) end.

FS Date: 12/19/2013

LM Start	1.95	Rating **	М	Issue No.	191 (cont)
LM End	1.95	Issue Type +	En	Location *	LS



View of waterward side--concrete vault and u-shape concrete headwall with debris screen.





View of floodwall along waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.98	Rating **	U	Issue No.		167		
LM End	1.98	Issue Type +	En	Location *		LS		
Cotogony	Earthen L	evee		GPS La	titud	le/Longitude		
Category				Start		End		
Item	ments		38.6274	33 °	38.627433°			
item				-121.4343	41 °	-121.434341 °		
DWR ID DWR_NA0001_01_s _ 2012_167								
		Comn	nent Cod	de				
FE : Fence)							
Inspector Comment								
Wooden p	Wooden privacy fence within 10' of the levee toe.							

Photo 1 of 1 : FA_2016_NA0001_51_167_20160914_00053.jpg

11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.99	Rating **	М	Issue No.	55			
LM End	1.99	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS La	e/Longitude			
Calegory				Start		End		
Item	Encroachments			38.6274	00°	38.627400°		
пеш			-121.4341	93 °	-121.434193°			
DWR ID	DWR_NA0	001_01_f _ 201	5_55					
	Comment Code							
FE : Fence	FE : Fence							

Inspector Comment

Fence at landside levee toe.

No Photos

LM Start	1.99	Rating **	М	Issue No.		1		
LM End	1.99	Issue Type +	En	Location *		LS		
Category	Earthen L	evee	GPS Latitude/Longitude					
Calegory	Calegory					End		
Item	Vegetatio	n		38.6273	18°	38.627318°		
item				-121.4342	° 80	-121.434208°		
DWR ID	DWR_NA0	001_01_s _ 201	2_1					
		Comn	nent Cod	de				
V6 : Lands	scaping							
	Inspector Comment							
Vine growi	Vine growing on fence and slope blocks visibility.							



View of the fence and landscaping at the landside levee toe.

*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A: Acceptable but Monitor & Maintain Enforcement

* Issue Type

Ma: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.02	Rating **	U	Issue No.		29	
LM End	2.02	Issue Type +	En	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Calegory	Salegory			Start		End	
Item	Encroachments			38.627292 °		38.627292 °	
пеш				-121.4337	09°	-121.433709°	
DWR ID	DWR_NA0	001_01_s _ 201	2_29				
Comment Code							
BU : Buildi	BU : Building						

Inspector Comment

Two-story home foundation is within 10-ft of levee toe. Chain link fence is built on levee toe.

Photo 1 of 1: FA_2016_NA0001_51_29_20161031_00092.jpg



Building foundation is within 15' of the levee toe.

LM Start	2.04	Rating **	U	Issue No.		28
LM End	2.04	Issue Type +	En	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Encroach	ments		38.6272	57°	38.627257°
пеш			-121.4333	27°	-121.433327°	
DWR ID	DWR NA0	001_01_s _ 201	2 28			

Comment Code

BU: Building

Inspector Comment

Large wooden building behind corrugated metal covered fence is within 10-ft of levee toe.



11/17/2011 Wooden structure is within 15' of the levee toe.

LM Start	2.04	Rating **	М	Issue No.		53	
LM End	2.04	Issue Type + En Location *			LS		
	Category Earthen Levee				GPS Latitude/Longitude		
Calegory	ategory			Start		End	
Item	Encroachments			38.6272	66°	38.627266	0
item				-121.4332	67°	-121.433267	0
DWR ID	DWR_NA0	001_01_f _ 201	5_53				
		Comn	nent Coo	de			
FE : Fence)						

Inspector Comment

Fence at landside levee toe.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.05	Rating **	M	Issue No.		27	
LM End	2.05	Issue Type +	En	Location *		LS	
Cotogony	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachi	ments		38.6272	30°	38.627230°	
item				-121.433039°		-121.433039°	
DWR ID	DWR ID DWR_NA0001_01_s _ 2012_27						
		Comn	nent Cod	de			
BU : Buildi	ng						
		Inspecto	or Comm	nent			
Pre-fab storage shed is within 10-ft of landside toe.							

Photo 1 of 1 : FA_2016_NA0001_51_27_20160914_00021.jpg

11/17/2011 Wooden structure is within 15' of the levee toe.

LM Start	2.05	Rating **	М	Issue No.		52		
LM End	2.05	Issue Type +	En	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Encroach	ments		38.627254°		38.627254°		
пеш				-121.4330	26°	-121.433026°		
DWR ID DWR_NA0001_01_f _ 2015_52						·		
Comment Code								

FE : Fence

Inspector Comment

Fence at the landside levee toe.

No Photos

LM Start	2.06	Rating **	М	Issue No.		47		
LM End	2.06	Issue Type +	En	Location *	LS			
Category	Catagoria Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroach	ments		38.6272	55°	38.627255°		
item				-121.4328	76°	-121.432876°		
DWR ID	DWR ID DWR_NA0001_01_f _ 2015_47							
		Comm	nent Cod	de				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				



View of the prunings at the landside levee toe.

** Rating
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
N: Not Inspected/Rated
C: Corrected
N: Not Inspected/Rated
C: Corrected
N: Not Inspected/Rated
C: Corrected
N: Minimally Acceptable
C: Corrected
N: Minimally Acceptable
N: Not Inspected/Rated
C: Corrected
N: Moint Inspected/Rated
N: Maintain
En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.06	Rating **	М	Issue No.		51	
LM End	2.06	Issue Type +	En	Location *	LS		
Catagoria Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End	
Item	Encroachi	ments		38.6272	51 °	38.627251 °	
item				-121.432843 °		-121.432843 °	
DWR ID DWR_NA0001_01_f _ 2015_51							
		Comn	nent Cod	de			
FE : Fence	9						
Inspector Comment							
Fence at landside levee toe.							



View of the fence at the landside levee toe.

LM Start	2.07	Rating **	М	Issue No.		46	
LM End	2.07	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Slope Sta	bility		38.6272	246°	38.627246 °	
пеш				-121.432673° -121.43267			
DWR ID	DWR_NA0	001_01_f _ 201	5_46				
		Comn	nent Cod	le			
S2 : Repai where pos		slope damag	jed by fo	ot traffic an	d pr	event access	
Inspector Comment							
LMA will fix	LMA will fix this site after the levee improvement project is completed.						



View of the damaged landside levee slope.

NA0001

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.08	Rating **	М	Issue No.		189		
LM End	2.08	Issue Type +	En	Location *	n* LS			
Category	Supplemental			GPS Latitude/Longitude				
Calegory	Category					End		
Item	DWR UCI	P Field Study		38.62723	9°	38.627239	0	
пеш				-121.43250	1 °	-121.432501	0	
DWR ID								

Inspector Comment

Comment Code

FS_ID:31185 DS_ID:24420 EP_NO: 13044

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Orange/Green symbol for flood structure found on floodwall. No crossing found. Need to determine if crossing is in use. This crossing is not shown in the City of Sacramento's sewer drain mains or water mains. Need to contact owner to determine if crossing is still in use.

FIELD_STRUCT_DESC: 12-inch steel water main through the levee,

4.0 feet below the crown. (Permit No. 13044-1981)

FS Date: 12/19/2013

LM Start	2.08	Rating **	М	Issue No.	189 (cont)
LM End	2.08	Issue Type +	En	Location *	LS



Overview markers located on bridge and floodwall indicating crossing through levee.

Photo 2 of 2: UCIP_FA_2016_31185_57090.jpg



Markers visible of crossing on bridge.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.08	Rating **	М	Issue No.		190		
LM End	2.08	Issue Type +	En	Location *		LS		
Category	Supplemental			GPS Latitude/Longitude				
Calegory	Category					End		
Item	DWR UCI	P Field Study		38.627242	°	38.627242	۰	
пеш				-121.432469	°	-121.432469	۰	
DWR ID								

Inspector Comment

Comment Code

FS_ID:31424 DS_ID:24797 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: no permit--need to determine additional information

and owner of crossings.

FIELD_STRUCT_DESC: 1-4 inch conduit and 1-2 inch communication cable through levee. Conduits are suspended through waterway and

attched to downstream face of bridge.

FS Date: 12/19/2013

LM Start	2.08	Rating **	М	Issue No.	190 (cont)
I M End	2.08	Issue Type +	En	Location *	LS

Photo 1 of 2: UCIP_FA_2016_31424_57481.jpg



View of waterward side--conduits visible on bridge face.

Photo 2 of 2: UCIP_FA_2016_31424_57480.jpg



Service box located on sidewalk unable to determine if box belongs to conduits.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 02 Natomas E Canal	Left	3.93

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	2/29/2016 - 3/2/2016		10/21/2016 - 10/21/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.09	Rating **	A/W	Issue No.		28	
LM End	0.10	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		38.6037	65°	38.603878°	
пеш				-121.4716	42 °	-121.471448°	
DWR ID DWR_NA0001_02_f _ 2015_28							
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			
LMA backfilled the holes. This area should be monitored for future rodent activity.							

LM Start	0.09	Rating **	A/W	Issue No.	28 (cont)
LM End	0.10	Issue Type +	Ma	Location *	LS



View of the rodent holes on the landside levee slope.

Photo 2 of 2: FA_2016_NA0001_52_28_20160914_00008.jpg



Another view of the rodent holes on the landside levee slope.

LM Start	0.33	Rating **	М	Issue No.		2	
LM End	0.33	Issue Type +	En	Location *		WS	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.6058	322°	38.605822°	
пеш				-121.468078 °		-121.468078°	
DWR ID DWR_NA0001_02_s _ 2012_2							
		Comn	nent Cod	de			
PO : Pole							
Inspector Comment							
Power pole	e in levee						



04/13/2011 Power pole is in the levee on the water side.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.36	Rating **	М	Issue No.		153	
LM End	0.36	Issue Type +	En	Location *		WS	
Supplemental			GPS Latitude/Longitude				
Calegory	Salegory			Start		End	
Item	DWR UCI	DWR UCIP Field Study			04°	38.606204°	
пеш				-121.467817°		-121.467817°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:31443 DS_ID:24798 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: no permit (unauthorize crossing)--need to determine additional information about crossing. Unable to determine if pipe

crosses levee.

FIELD_STRUCT_DESC: 4-inch HDPE pipe through levee at unknown

depth.

FS Date: 12/6/2013

LM Start	0.36	Rating **	М	Issue No.	153 (cont)
LM End	0.36	Issue Type +	Fn	Location *	WS

Photo 1 of 2: UCIP_FA_2016_31443_57484.jpg



View of waterward slope.

Photo 2 of 2: UCIP_FA_2016_31443_57483.jpg



View of pipe through levee.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.55	Rating **	М	Issue No.		161
LM End	0.55	Issue Type +	En	Location *		WS
Category Supplemental			GPS Latitude/Longitude			
			Start		End	
Item	DWR UCI	P Field Study		38.608870°		38.608870°
пеш				-121.466856 °		-121.466856°
DWR ID						·
Comment Code						

Inspector Comment

FS_ID:49533 DS_ID:24274 EP_NO: 6064

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento only one 36-inch WSP goes through levee at this location. Ownership in the CVFPB records still shows ARFCD. Efforts to update CVFPB records are in-progress, owner of this facility is the City of Sacramento. Need to coordinate with ARFCD and City of Sacramento to determine the fate of Pump Station 3. (DWR UCIP - Olivia M)12/19/2013 Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry. FIELD_STRUCT_DESC: [Sump No. 153] 36-inch welded steel drainage pipe (WSP) with 15/32-inch wall thickness through the levee, 5.2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe between center and waterside (WS) shoulder. Siphon breaker in concrete box on WS slope. 36-inch pipe connects, past LS toe, through header 2-30 inch WSP and 1-12 inch WSP at this facility. Pump station located on landside (LS). Concrete "U" headwall and flap gate are located on the WS end. Rock revetment on WS slope. On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that inloude Pump Station 3 as described by ARFCD and described by the City of Sacramento as Sump 153. Pump Station 3 was replaced by Sump 3. (Sump 153 installed under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]) [Additional Reference (s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile] FS Date: 12/19/2013

Photo 1 of 2: UCIP_FA_2016_49533_55042.jpg



View of landward side--pump station with multiple pumps.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.55	Rating **	М	Issue No.	161 (cont)		
LM End	0.55	Issue Type +	En	Location *	WS		
Category	ental	GPS Latitude/Longitude					
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.60887	o°	38.608870°	
пеш				-121.46685	6°	-121.466856 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:49533 DS_ID:24274 EP_NO: 6064

Repair Type: Non-Urgent Crossing Status: Found

FS Date: 12/19/2013

UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento only one 36-inch WSP goes through levee at this location. Ownership in the CVFPB records still shows ARFCD. Efforts to update CVFPB records are in-progress, owner of this facility is the City of Sacramento. Need to coordinate with ARFCD and City of Sacramento to determine the fate of Pump Station 3. (DWR UCIP - Olivia M)12/19/2013 Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry. FIELD_STRUCT_DESC: [Sump No. 153] 36-inch welded steel drainage pipe (WSP) with 15/32-inch wall thickness through the levee, 5.2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe between center and waterside (WS) shoulder. Siphon breaker in concrete box on WS slope. 36-inch pipe connects, past LS toe, through header 2-30 inch WSP and 1-12 inch WSP at this facility. Pump station located on landside (LS). Concrete "U" headwall and flap gate are located on the WS end. Rock revetment on WS slope. On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that inloude Pump Station 3 as described by ARFCD and described by the City of Sacramento as Sump 153. Pump Station 3 was replaced by Sump 3. (Sump 153 installed under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]) [Additional Reference (s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile]

Photo 2 of 2: UCIP_FA_2016_49533_55041.jpg



Vault located on levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.55	Rating **	М	Issue No.		160			
LM End	0.55	Issue Type +	En	Location *		Location *		WS	
Category	ental	GPS Latitude/Longitude							
Calegory				Start		End			
Item	DWR UCI	P Field Study		38.6087	63 °	38.608763	٥		
пеш				-121.4668	85 °	-121.466885	٥		
DWR ID									

Comment Code

Inspector Comment

FS_ID:49532 DS_ID:24612 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Not Found

FS Date: 12/19/2013

UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento. This crossing was an existing pipe that was mentioned in Permit No. 6064 and 6064-A under the following conditions: Thirteen: "that the existing 36-inch diameter corrugated metal pipe shall be allowed to remain in place for a period of 10 years, (until May 1978), at chich time if the old pumping plant has not been used the pipe thorugh the levee shall be removed by the applicant." and Fifteen: "That the existing 36-inch pipe shall be properly capped or sealed on both ends. Need to coordinate with the City of Sacramento and ARFCD to determine the fate of this crossing. Application No. 6064 references U.S. Corps of Engineers Stat. 217+00 as Pump Plant No. 3.12/19/2013 Multiple pumps visible on landward side however unable to confirm additional crossings. Only 1 crossing was found at this location.

FIELD_STRUCT_DESC: [Pump Station 3] 24-inch corrugated metal drainage pipe sleeved through existing 30-inch corrugated metal pipe (CMP) through the levee, annular gap grouted. (unknown year 24-inch was sleeved) 30-inch steel pipe sleeved through 36-inch CM pipe through the levee, 23.8 feet below the crown. (unknown year 30-inch was sleeved) Annular gap grouted. A gate structure and slide gate are located on the pipe in the waterside (WS) slope of the levee. Siphon breaker in concrete box on the WS slope. Pump on structure over concrete box on the landside (LS). Previously known as Pump Station 3/Pump Plant No. 3 by American River Flood Control District. This crossing is approximately 40 feet downstream from what is now referred to as Sump 153 by the City of Sacramento. (facility was authorized to remain under Permit No. 6064 and 6064-A. 1968 - American River Flood Control District [ARFCD]) [Additional Reference(s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile] [Additional Reference(s): DWR Levee Log, 2002, city of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile, and USACE Sacramento O&M Manual Unit 118 Part 2, October 1959, (Station 216+00)].



Approx. location of USACE O&M original 36-inch located 40 feet downstream from Sump 153.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.55	Rating **	М	Issue No.		160 (cont)	
LM End	0.55	Issue Type +	En	Location *		WS	
Category	ental	GPS Latitude/Longitude					
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.6087	63 °	38.608763	0
item				-121.4668	85 °	-121.466885	0
DWR ID						,	

Comment Code

Inspector Comment

FS_ID:49532 DS_ID:24612 EP_NO: N/A

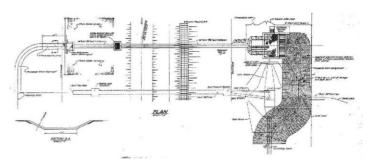
Repair Type: Non-Urgent Crossing Status: Not Found

FS Date: 12/19/2013

UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento. This crossing was an existing pipe that was mentioned in Permit No. 6064 and 6064-A under the following conditions: Thirteen: "that the existing 36-inch diameter corrugated metal pipe shall be allowed to remain in place for a period of 10 years, (until May 1978), at chich time if the old pumping plant has not been used the pipe thorugh the levee shall be removed by the applicant." and Fifteen: "That the existing 36-inch pipe shall be properly capped or sealed on both ends. Need to coordinate with the City of Sacramento and ARFCD to determine the fate of this crossing. Application No. 6064 references U.S. Corps of Engineers Stat. 217+00 as Pump Plant No. 3.12/19/2013 Multiple pumps visible on landward side however unable to confirm additional crossings. Only 1 crossing was found at this location.

FIELD STRUCT DESC: [Pump Station 3] 24-inch corrugated metal drainage pipe sleeved through existing 30-inch corrugated metal pipe (CMP) through the levee, annular gap grouted. (unknown year 24-inch was sleeved) 30-inch steel pipe sleeved through 36-inch CM pipe through the levee, 23.8 feet below the crown. (unknown year 30-inch was sleeved) Annular gap grouted. A gate structure and slide gate are located on the pipe in the waterside (WS) slope of the levee. Siphon breaker in concrete box on the WS slope. Pump on structure over concrete box on the landside (LS). Previously known as Pump Station 3/Pump Plant No. 3 by American River Flood Control District. This crossing is approximately 40 feet downstream from what is now referred to as Sump 153 by the City of Sacramento. (facility was authorized to remain under Permit No. 6064 and 6064-A. 1968 - American River Flood Control District [ARFCD]) [Additional Reference(s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile] [Additional Reference(s): DWR Levee Log, 2002, city of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile, and USACE Sacramento O&M Manual Unit 118 Part 2, October 1959, (Station 216+00)].

Photo 2 of 2: UCIP_FA_2016_49532_75578.jpg



Sump 153 Plan and Profile, existing Pump Plant No. 3 referenced.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.73	Rating **	М	Issue No.		24		
LM End	0.73	Issue Type +	Ma	Location *	WS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory			Start		End			
Item Animal Control			38.6115	29°	38.611529°			
			-121.466801 °		-121.466801°			
DWR ID DWR_NA0001_02_s _ 2016_24								
		Comn	nent Cod	de				
A1 : Exterr	minate rod	ents and back	fill and o	compact or	grou	t burrows.		
		Inspecto	or Comm	nent				
Rodents s	till active ir	this area.						



View of the rodent holes in the waterside levee slope.

LM Start	1.02	Rating **	М	Issue No.		155
LM End	1.02	Issue Type +	En	Location *		WS
Category	ental	GPS Latitude/Longitude				
Calegory			Start		End	
Item	DWR UCIP Field Study			38.6156	97°	38.615697°
пеш				-121.4669	52°	-121.466952°
DWR ID						
Comment Code						

Inspector Comment

FS_ID:42132 DS_ID:24613 EP_NO: 2347

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details-confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing.

FIELD_STRUCT_DESC: 6-inch gas line through the levee, 2.5 feet below the crown. For emergencies contact PG&E at 1-800-811-411. (Permit No. 2347-1957) FS Date: 12/19/2013

Photo 1 of 2: UCIP_FA_2016_42132_55451.jpg



Overview of levee crown with utility gas markers on waterward side.

U : Unacceptable

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.02	Rating **	М	Issue No.	155 (cont)			
LM End	1.02	Issue Type +	En	Location *	WS			
Category	ental	GPS Latitude/Longitude						
Calegory				Start		End		
Item	DWR UCI	P Field Study		38.61569	7°	38.615697°		
пеш				-121.46695	2 °	-121.466952 °		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:42132 DS_ID:24613 EP_NO: 2347

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details-confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing.

FIELD_STRUCT_DESC: 6-inch gas line through the levee, 2.5 feet below the crown. For emergencies contact PG&E at 1-800-811-411.

(Permit No. 2347-1957) FS Date: 12/19/2013



Contact information for owner--sign visible on waterward side slope.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.03	Rating **	М	Issue No.	156		
LM End	1.03	Issue Type +	En	Location *		WS	
Category	GPS Latitude/Longitude						
Calegory			Start		End		
Item	DWR UCIP Field Study			38.61576	0 °	38.615760	0
пеш				-121.46695	0 °	-121.466950	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:42130 DS_ID:24277 EP_NO: 2333

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details-confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing.

FIELD_STRUCT_DESC: 12-inch gas line through the levee, 3.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 2333-1957)

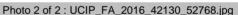
FS Date: 12/19/2013

LM Start	1.03	Rating **	М	Issue No.	156 (cont)
LM End	1.03	Issue Type +	En	Location *	WS

Photo 1 of 2: UCIP_FA_2016_42130_52766.jpg



Overview of levee crown at crossings.





Marker with emergency contact information located on waterward slope.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.03	Rating **	М	Issue No.	ue No. 151		
LM End	1.03	Issue Type +	En	Location *	WS		
Category				GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.61577	'2°	38.615772	0
пеш				-121.46697	'1 °	-121.466971	0
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:28666 DS_ID:24614 EP_NO: 1949

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact owner to determine if pipe was left

inside levee as part of abandonment process.

FIELD_STRUCT_DESC: *Abandoned* 12-inch steel gas line through the levee, 3.0 feet below the crown. Pipe grout filled. Concrete cutoff wall around pipe under center of levee. (Permit No. 1450-1949) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 243+31). Pipe abandoned under Permit No. 17468 (2004).

FS Date: 12/19/2013

LM Start	1.03	Rating **	М	Issue No.	151 (cont)
LM End	1.03	Issue Type +	En	Location *	WS

Photo 1 of 2: UCIP_FA_2016_28666_52778.jpg



Overview of levee crown at crossings.

Photo 2 of 2: UCIP_FA_2016_28666_52780.jpg



Marker with emergency contact information located on waterward slope.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.04 Rating ** M			Issue No.		154		
LM End	1.04	Issue Type +	En	Location *		WS		
Category Supplemental				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UCIP Field Study			38.61589	5°	38.615895 °		
пеш				-121.46699	1°	-121.466991 °		
DWR ID						·		

Inspector Comment

Comment Code

FS_ID:42131 DS_ID:24280 EP_NO: 17468

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details-confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing.

FIELD_STRUCT_DESC: 20-inch steel gas pipe through the levee, approximately 86.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 17468-2004)

FS Date: 12/19/2013

LM Start	1.04	Rating **	M	Issue No.	154 (cont)
LM End	1.04	Issue Type +	En	Location *	WS

Photo 1 of 2: UCIP_FA_2016_42131_52772.jpg



Overview of levee crown looking downstream at signs of crossings.

Photo 2 of 2: UCIP_FA_2016_42131_52774.jpg



Marker visible on waterward slope.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.40	Rating **	М	Issue No.		26
LM End	1.40	Issue Type +	Ma	Location *		LS
Catagoni	Earthen L	evee		GPS La	atitud	le/Longitude
Category				Start		End
Item	Slope Sta	bility		38.6210	54°	38.621054°
item				-121.4680	° 80	-121.468008°
DWR ID	WR ID DWR_NA0001_02_f _ 2015_26					
		Comn	nent Cod	le		
S3 : Repai access wh		slope damag le.	ed by ve	ehicle traffic	and	d prevent
		Inspecto	or Comm	ent		



View of the damaged landside levee slope.

LM Start	1.96	Rating **	М	Issue No.	152		
LM End	1.96	Issue Type +	En	Location *	LS		
Category	Suppleme	ental		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.6291	29°	38.629129°	
item				-121.4695	56°	-121.469556°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:28667 DS_ID:24481 EP_NO: N/A

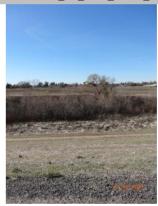
Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Only found concrete box located on landward side toe. Need to contact owner to determine if crossing goes through levee and to notify that concrete box is filled with debris.

FIELD_STŘUCT_DESC: 12-inch CM railroad drainpipe through the levee at unknown depth. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 302+00).

FS Date: 12/20/2013

Photo 1 of 2: UCIP_FA_2016_28667_52785.jpg



View of waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.96	Rating **	М	Issue No.	152 (cont)		
LM End	1.96	Issue Type +	En	Location *	LS		
Category Supplemental				GPS La	tituc	le/Longitude	
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.62912	29°	38.629129	0
пеш				-121.46955	6 °	-121.469556	0
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:28667 DS_ID:24481 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Only found concrete box located on landward side toe. Need to contact owner to determine if crossing goes through levee and to notify that concrete box is filled with debris.

FIELD_STRUCT_DESC: 12-inch CM railroad drainpipe through the levee at unknown depth. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 302+00).

FS Date: 12/20/2013



View of landward side. Depression visible at levee toe around concrete

LM Start	2.05	Rating **	М	Issue No.		25	
LM End	2.05	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Category		Start		End			
Item	Slope Sta	bility		38.6304	25°	38.630425 °	
пеш				-121.469807 °		-121.469807°	
DWR ID DWR_NA0001_02_f _ 2015_25							
		_					

Comment Code

S2: Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1: FA_2016_NA0001_52_25_20160914_00005.jpg



View of the landside levee slope damaged by foot traffic.

: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy

CR : Crown

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.33	Rating **	A/W	Issue No.		150	
LM End	2.33	Issue Type +	Ob	Location *		LS	
Catagoni	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Erosion / Bank Caving			38.6344	46°	38.634446°	
пеш				-121.470573° -121.47			
DWR ID DWR_NA0001_02_s _ 2012_150							
		Comn	nent Cod	de			
E1 : Note a	and monito	r erosion site					
		Inspecto	or Comm	nent			
Monitor erosion at this location. Also noted in USACE PI.							

hoto 1 of 2 :	FA_2016_	_NA0001_	_52_150_	_20160914	_00009.jpg
	NO THE RESIDENCE OF		SOLD MARKET	20. 海道。	
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		1		and a state	A Party No.
ACTUAL VALUE	To the second			美国在	NO AND AND ADDRESS OF THE PARTY
	1100	Television of			1000
		及知為			
		AL ST	103		
		1, 14			
		并创建的企业	A 12 10 40	- 542 344	Davidson Sta

03/14/2012 Photo shows depression, the issue has not gotten any worse since the fall 2011 inspection.

LM Start 2.33 Rating ** A/W Issue No. 150 (cont) LM End 2.33 Issue Type + Ob Location * LS

Photo 2 of 2: FA_2016_NA0001_52_150_20160914_00010.jpg



11/16/2011 Depressions present on levee slope.

LM Start	2.52	Rating **	М	Issue No.		11	
LM End	2.52	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.6371	77°	38.637177°	
пеш				-121.471076° -121.47′			
DWR ID DWR_NA0001_02_f _ 2013_11							
		Comn	nent Cod	de			
MA : Mate	rial						
			•				
		Inspecto	or Comm	nent			
Railroad rails on landside levee slope.							
•							



View of the rails at the landside levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.59	Rating **	М	Issue No.		27
LM End	2.59	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	titud	le/Longitude
Calegory				Start		End
Item	Slope Sta	bility		38.6381)9°	38.638109°
item				-121.471254° -121.47		-121.471254°
DWR ID DWR_NA0001_02_f _ 2016_27						
		Comn	nent Cod	de		
S2 : Repai where pos		slope damag	jed by fo	ot traffic an	d pr	event access
		Inspecto	or Comm	nent		

Photo 1 of 1 : FA_2016_NA0001_52_27_20161031_00047.jpg

View of the foot path on the landside levee slope.

LM Start	2.79	Rating **	М	Issue No.		157		
LM End	2.79	Issue Type +	En	Location *		LS		
Category	Supplemental			GPS Latitude/Longitude				
Calegory				Start		End		
ltom	DWR UCI	WR UCIP Field Study		38.6409	88°	38.640988 °		
Item			-121.4717	97 °	-121.471797°			
DWR ID								

Inspector Comment

Comment Code

FS_ID:49862 DS_ID:24608 EP_NO: 9596

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Dense vegetation on waterward side limits inspector's inspection. Recommend removing vegetation.

FIELD_STRUCT_DESC: [Sump No. 157] 1 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 -American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/20/2013

Photo 1 of 2: UCIP_FA_2016_49862_52893.jpg



Overview of levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.79	Rating **	М	Issue No.	157 (cont)		
LM End	2.79	Issue Type +	En	Location *	LS		
Category	Supplemental			GPS Latitude/Longitude			
Calegory	n y			Start		End	
Item	DWR UCI	P Field Study		38.64098	8°	38.640988 °	
пеш				-121.47179	7°	-121.471797°	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:49862 DS_ID:24608 EP_NO: 9596

FS Date: 12/20/2013

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Dense vegetation on waterward side limits inspector's

inspection. Recommend removing vegetation.

FIELD_STRUCT_DESC: [Sump No. 157] 1 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 -American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]

Photo 2 of 2: UCIP FA 2016 49862 52891.ipg

Concrete box contains 3-54 inch crossings.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.79	Rating **	М	Issue No.		158
LM End	2.79	Issue Type +	En	Location *		LS
Category	Supplemental					e/Longitude
Calegory				Start		End
Item	DWR UCI	P Field Study		38.6410	16°	38.641016 °
item				-121.47180)5 °	-121.471805°
DWR ID						·

Inspector Comment

Comment Code

FS_ID:49863 DS_ID:24609 EP_NO: 9596

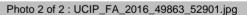
Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Dense vegetation on waterward side limits inspector's inspection--recommend removing vegetation to clear waterward slope. FIELD_STRUCT_DESC: [Sump No. 157] 2 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 -American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/20/2013

LM Start	2.79	Rating **	М	Issue No.	158 (cont)
LM End	2.79	Issue Type +	En	Location *	LS



Overview of levee crown with two concrete boxes with multiple crossings inside.





Concrete box contains 3-54 inch crossings.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.79	Rating **	U	Issue No.	162		
LM End	2.79	Issue Type +	En	Location *		LS	
Category	Suppleme	ental		GPS Latitude/Longitude			
Calegory		Start End					
Item	DWR UCI	P Field Study		38.6410	41 °	38.641041 °	
item				-121.4718	09°	-121.471809°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:50075 DS_ID:24610 EP_NO: 9596 Repair Type: Urgent

FS Date: 8/11/2016

Crossing Status: Indicator Found

UCIP Comments: 8/11/2016 Based on permit review for 9596, 9596-A, and 9596-B it appears that the third pipe was never installed through the levee and only the WS pipe section in the siphon breaker was installed. The section through the levee is to be installed as a future enlargement of the Pumping Plant. Need to coordinate with owner to determine how pipe is sealed through the levee. Gate missing on WS. (DWR UCIP - omagana)12/20/2013 Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *PARTIAL INSTALL* [Sump No. 157] 3 of 3: 54-inch installed in the siphon breaker structure but not through levee. 54-inch steel drainage to be installed through the levee as part of a future expansion-no date specified as of 2016. Siphon breaker in protective housing on waterside (WS) shoulder. Concrete headwall with open WS end. Trench on WS. Pumping plant on landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A. and 1975 - American River Flood Control District: second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]

Photo 1 of 2: UCIP_FA_2016_50075_52912.jpg



Overview of levee crown with two concrete boxes with mulitple crossings inside.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.79	Rating **	U	Issue No.	162 (cont)		
LM End	2.79	Issue Type +	En	Location *	LS		
Category	Suppleme	ental		GPS Lat	tuc	le/Longitude	
Category			Start End				
Item	DWR UCI	P Field Study		38.64104	1°	38.641041°	
пеш			-121.471809 ° -121.47180				
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:50075 DS_ID:24610 EP_NO: 9596 Repair Type: Urgent

FS Date: 8/11/2016

Crossing Status: Indicator Found

UCIP Comments: 8/11/2016 Based on permit review for 9596, 9596-A, and 9596-B it appears that the third pipe was never installed through the levee and only the WS pipe section in the siphon breaker was installed. The section through the levee is to be installed as a future enlargement of the Pumping Plant. Need to coordinate with owner to determine how pipe is sealed through the levee. Gate missing on WS. (DWR UCIP - omagana)12/20/2013 Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *PARTIAL INSTALL* [Sump No. 157] 3 of 3: 54-inch installed in the siphon breaker structure but not through levee. 54-inch steel drainage to be installed through the levee as part of a future expansion-no date specified as of 2016. Siphon breaker in protective housing on waterside (WS) shoulder. Concrete headwall with open WS end. Trench on WS. Pumping plant on landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A. and 1975 - American River Flood Control District: second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]

Photo 2 of 2: UCIP_FA_2016_50075_52910.jpg



Concrete box contains 3-54 inch crossings.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.87	Rating **	М	Issue No.	159				
LM End	2.87	Issue Type +	En	Location *		LS			
Category	Suppleme	upplemental			GPS Latitude/Longitude				
Calegory				Start					
Item	DWR UC	P Field Study		38.64216	2°	38.642162°			
пеш				-121.472041 ° -121.472041					
DWR ID									
	Comment Code								

Inspector Comment

FS_ID:49938 DS_ID:24484 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 8/11/2016 Inspected the crossing with Tim Kerr and Richard Marck, LMA representatives, and it appears that this crossing does not go through the levee--unable to confirm. Crossing is believed to have initially started at the LS toe and modified in the 1990s when levee was raised. It is believed that the concrete box frame was added during the levee improvements by the USACE in the 1990s. Crossing was downgraded from Urgent to Non-Urgent due to evidence to indicate that no sink hole is present at this location. Need to confirm if crossing goes through the levee. (DWR UCIP - omagana)12/20/2013 Hole visible just above the concrete box located on landward side--unable to determine if hole is associated with pipe failure or burrow activity. Need to contact owner to determine status and details of crossing's alignment. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 12-inch corrugated metal (CM) railroad drainage pipe through the levee at unknown depth. (crossing does not appear to go through levee) Crossing appears to be used to drain the landside (LS) berm. Crossing initially started at the LS toe inlet (evidence of inlet is still present 2016). Inlet was moved during the USACE improvement project to raise levee in the 1990s. The inlet is now located at the low point of LS berm where the concrete box is located. [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit No. 118 Part 2, October 1959, (Station 340+00)].

FS Date: 8/11/2016

Photo 1 of 2: UCIP_FA_2016_49938_55459.jpg



View of WS.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.87	Rating **	М	Issue No.	159 (cont)		
LM End	2.87	Issue Type +	En	Location *	LS		
Category	Suppleme	ental	GPS Latitude/Longitude				
Calegory			Start End				
Item	DWR UCI	P Field Study		38.64216	2°	38.642162	0
пеш				-121.47204	1 °	-121.472041	0
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:49938 DS_ID:24484 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 8/11/2016 Inspected the crossing with Tim Kerr and Richard Marck, LMA representatives, and it appears that this crossing does not go through the levee--unable to confirm. Crossing is believed to have initially started at the LS toe and modified in the 1990s when levee was raised. It is believed that the concrete box frame was added during the levee improvements by the USACE in the 1990s. Crossing was downgraded from Urgent to Non-Urgent due to evidence to indicate that no sink hole is present at this location. Need to confirm if crossing goes through the levee. (DWR UCIP - omagana)12/20/2013 Hole visible just above the concrete box located on landward side--unable to determine if hole is associated with pipe failure or burrow activity. Need to contact owner to determine status and details of crossing's alignment. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 12-inch corrugated metal (CM) railroad drainage pipe through the levee at unknown depth. (crossing does not appear to go through levee) Crossing appears to be used to drain the landside (LS) berm. Crossing initially started at the LS toe inlet (evidence of inlet is still present 2016). Inlet was moved during the USACE improvement project to raise levee in the 1990s. The inlet is now located at the low point of LS berm where the concrete box is located. [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual Unit No. 118 Part 2, October 1959, (Station 340+00)].

FS Date: 8/11/2016

Photo 2 of 2: UCIP_FA_2016_49938_55458.jpg



View of concrete box located on LS.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

		5				
LM Start	2.88	Rating **	Α	Issue No.		21
LM End	3.73	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.6422	83°	38.654472°
пеш				-121.4720	65 °	-121.474411 °
DWR ID	DWR_NA0	001_02_f _ 201	6_21			
		Comn	nent Cod	de		
V1 : Contre		rass and wee	eds on th	e levee slop	oes :	and
		Inspecto	or Comm	nent		
LMA has exceptional vegetation control program.						

Photo 1 of 1 : FA_2016_NA0001_52_21_20161031_00046.jpg



View of the vegetation on the waterside levee slope.

	0.00	Dating **	A /\A/	Issue No.		•	
LM Start	2.92	Rating **	A/W	issue ivo.		6	
LM End	2.92	Issue Type +	Ob	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Slope Sta	Slope Stability			950°	38.642950 °	
пеш				-121.4721	-121.472166 °		
DWR ID	DWR_NA0	001_02_f _ 201	2_6				
		Comn	nent Cod	de			
S1 : Repai	ir slope ins	tability.					
Inspector Comment							
Monitor thi	s location.						



View of landside slope instability.

LM Start	2.97	Rating **	С	Issue No.		23			
LM End	3.62	Issue Type +	Ma	Location *	LS				
Category Earthen Levee			GPS Latitude/Longitude						
Calegory				Start		End			
Item	Vegetation			38.643580°		38.652879	0		
item				-121.472291 °		-121.474059	0		
DWR ID	DWR_NA0	001_02_s _ 201	6_23						
	Comment Code								
1/2 · Domo	wo tho wile	d arouth other	than no	tivo aracco	o fro	m the levee			

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Tumble weeds need to be removed.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	3.84	Rating **	С	Issue No.		22
LM End	3.84	Issue Type +	Ма	Location *		LS
Earthen Levee			GPS La	atitud	e/Longitude	
Category				Start		End
Item	Vegetatio	n		38.6561	33 °	38.656133 °
пеш			-121.4747	03°	-121.474703 °	
DWR ID DWR_NA0001_02_s _ 2016_22						
		Comn	nent Coc	de		
V2 : Remo slopes.	ve the wild	growth other	than na	tive grasse	s fro	m the levee
		Inspecto	or Comm	nent		
Tumble we	eeds need	to be remove	d.			

No Photos

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 03 American River	Right	2.86

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/2/2016 - 3/3/2016		10/21/2016 - 10/21/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.75	Rating **	С	Issue No.		11			
LM End	0.75	Issue Type +	Ma	Location *	LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Trim / Thi	Trim / Thin Trees			59°	38.589359°			
пеш				-121.4309	90°	-121.430990 °			
DWR ID	DWR ID DWR_NA0001_03_s _ 2012_11								
		Comn	nent Coo	de					
T5 : Tree s	stumps.								
	Inspector Comment								
Stump rem	Stump removed.								

No Photos

LM Start	0.85	Rating **	С	Issue No.		23		
LM End	0.85	Issue Type +	Ma	Location *		LS		
Category Earthen Levee			GPS La	atitud	le/Longitude			
Calegory				Start		End		
Itom	Item Trim / Thin Trees			38.589624°		38.589624		
пеш				-121.432935 °		-121.432935		
DWR ID	DWR_NA0	001_03_f _ 201	4_23					
		Comn	nent Cod	de				
T5 : Tree s	stumps.							
	Inspector Comment							
Stump rem	noved.							

No Photos

LM Start	0.91	Rating **	N	Issue No.		22	
LM End	0.91	Issue Type +	Ма	Location *		LS	
Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End	
Item	Trim / Thi	Trim / Thin Trees			'52 °	38.589752°	
item			-121.433962 °		-121.433962°		
DWR ID DWR_NA0001_03_s _ 2016_22							
		Comn	nent Cod	de			
T5 : Tree s	stumps.						
		Inspecto	or Comm	nent			



View of the tree sump on the landside levee slope.

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable U : Unacceptable U : Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Acceptable N : Not Inspected/Rated Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.39	Rating **	С	Issue No.		31			
LM End	1.39	Issue Type +	Ma	Location *	WS				
Category	Earthen Levee			GPS Latitude/Longitude					
				Start		End			
Item	Animal Control			38.591616°		38.591616°			
				-121.442213 °		-121.442213°			
DWR ID	DWR_NA0001_03_f _ 2015_31								
Comment Code									
A1 : Exterminate rodents and backfill and compact or grout burrows.									
Inspector Comment									

No Photos

LM Start	1.53	Rating **	М	Issue No.		39	
LM End	1.53	Issue Type +	En	Location *		WS	
Category	Supplemental			GPS Latitude/Longitude			
			Start		End		
Item	DWR UCIP Field Study			38.5930	54°	38.593054°	
			-121.4441	55 °	-121.444155 °		
DWR ID							

Comment Code

Inspector Comment

FS_ID:50047 DS_ID:24292 EP_NO: 5776

Repair Type: Non-Urgent Crossing Status: Found

FS Date: 8/11/2016

UCIP Comments: 8/11/2016 Issue has been addressed--no hole is present at site. Hole could have been associated with burrow activity. Need to contact owner to obtain internal integrity inspection to confirm pipe is in good condition. Crossing has been changed from Urgent to Non-Urgent due to limited evidence to support leak in pipe. (DWR UCIP - omagana)12/3/2013 Hole present next to concrete vault on levee crown (waterward side). Hole could be sink hole or burrow activity unable to determine. Need to contact owner to determine status of crossing and to investigate hole. (DWR UCIP - omagana) FIELD_STRUCT_DESC: [Drainage Plant No. 2] 7 of 8: 18-inch steel drainage pipe through the levee at an unknown depth below the crown. Metal cutoff wall around pipe under landside (LS) shoulder. Siphon breakers in concrete box located on the waterside (WS) shoulder. Pumping plant at LS toe. Access ramp to pumping plant located on LS. Concrete discharge box located on the WS. Flap gate located on the WS end. Outfall structure located on the WS. (Permit No. 5776, 1972 -American River Flood Control District; name change completed under Permit No. 5776-1, 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]

Photo 1 of 2 : UCIP_FA_2016_50047_53005.jpg



View of WS.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.53	Rating **	М	Issue No.		39 (cont)		
LM End	1.53	Issue Type +	En	Location *		WS		
Supplemental				GPS Latitude/Longitude				
Calegory	Category			Start		End		
Item	DWR UCI	P Field Study		38.59305	4 °	38.593054°		
пеш				-121.444155		-121.444155°		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:50047 DS_ID:24292 EP_NO: 5776

Repair Type: Non-Urgent Crossing Status: Found

FS Date: 8/11/2016

UCIP Comments: 8/11/2016 Issue has been addressed--no hole is present at site. Hole could have been associated with burrow activity. Need to contact owner to obtain internal integrity inspection to confirm pipe is in good condition. Crossing has been changed from Urgent to Non-Urgent due to limited evidence to support leak in pipe. (DWR UCIP - omagana)12/3/2013 Hole present next to concrete vault on levee crown (waterward side). Hole could be sink hole or burrow activity unable to determine. Need to contact owner to determine status of crossing and to investigate hole. (DWR UCIP - omagana) FIELD_STRUCT_DESC: [Drainage Plant No. 2] 7 of 8: 18-inch steel drainage pipe through the levee at an unknown depth below the crown. Metal cutoff wall around pipe under landside (LS) shoulder. Siphon breakers in concrete box located on the waterside (WS) shoulder. Pumping plant at LS toe. Access ramp to pumping plant located on LS. Concrete discharge box located on the WS. Flap gate located on the WS end. Outfall structure located on the WS. (Permit No. 5776, 1972 -American River Flood Control District; name change completed under Permit No. 5776-1, 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]

Photo 2 of 2: UCIP_FA_2016_50047_53004.jpg



View of levee crown--concrete vault located on WS shoulder.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.54	Rating **	М	Issue No.		35		
LM End	1.54	Issue Type +	En	Location *	WS			
Category				GPS Latitude/Longitude				
Calegory	Category			Start		End		
Item	DWR UCI	P Field Study		38.59329	o°	38.593290°		
пеш				-121.44398	o°	-121.443980°		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:31224 DS_ID:24644 EP_NO: 2805

Repair Type: Non-Urgent Crossing Status: Indicator Found

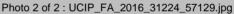
UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 3 of 4: 34-inch concrete encased sewer pipe through the levee, 7.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS).

FS Date: 12/3/2013

LM Start	1.54	Rating **	М	Issue No.	35 (cont)
LM End	1.54	Issue Type +	En	Location *	WS



View of levee crown and concrete box located on waterward shoulder.





Concrete box located on waterward shoulder.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.54	Rating **	М	Issue No.		36		
LM End	1.54	Issue Type +	Issue Type + En			WS		
Category				GPS Latitude/Longitude				
Calegory			Start		End			
Item	DWR UCIP Field Study			38.59329	o°	38.593290 °		
пеш				-121.44398	o°	-121.443980 °		
DWR ID								

Inspector Comment

Comment Code

FS_ID:31225 DS_ID:24645 EP_NO: 2805

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 4 of 4: 34-inch concrete encased sewer pipe through the levee, 6.2 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS).

FS Date: 12/3/2013

LM Start	1.54	Rating **	М	Issue No.	36 (cont)
LM End	1.54	Issue Type +	En	Location *	WS



View of levee crown and concrete box located on waterward shoulder.

Photo 2 of 2: UCIP_FA_2016_31225_57134.jpg



View of landward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.54	Rating **	М	Issue No.		37		
LM End	1.54	Issue Type +	En	Location *	WS			
Category				GPS Latitude/Longitude				
Calegory	Category					End		
Item	DWR UCI	P Field Study		38.59322	4 °	38.593224°		
пеш				-121.44429	9°	-121.444299 °		
DWR ID						·		
Comment Code								

Inspector Comment

FS_ID:31227 DS_ID:24293 EP_NO: 2805

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings. FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station] 18inch concrete sewer main through the levee, 6 feet below crown. Concrete cutoff wall around pipe under center of levee. 2-inch air release valve located on waterside (WS) shoulder. Treatment plant on landside (LS). Crossing continues under the channel and through the opposite levee. (Permit No. 2805-1961)

FS Date: 12/3/2013

LM Start	1.54	Rating **	М	Issue No.	37 (cont)
LM End	1.54	Issue Type +	En	Location *	WS

Photo 1 of 2: UCIP_FA_2016_31227_57140.jpg



View of levee crown and concrete box located on waterward shoulder.

Photo 2 of 2: UCIP_FA_2016_31227_57138.jpg



View of landward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.55	Rating **	М	Issue No.	34	
LM End	1.55	Issue Type +	En	Location *	WS	
Category			GPS Latitude/Longitude			
Calegory	Category			Start		End
Item	DWR UC	P Field Study		38.59322	4 °	38.593224°
item				-121.44429	9°	-121.444299°
DWR ID						
Comment Code						

Inspector Comment

FS_ID:31223 DS_ID:24643 EP_NO: 2805

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings. FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station]: 24-inch reinforced concrete sewer main through the levee, 2.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). (Permit No. 6216-1969) Line connects to an existing 18-inch sewer line and 8-inch line installed under permit no. 6216. The line also connects to an existing 24-inch line located on the LS. The 24-inch line on LS parallels the levee for approximately 54 feet and ends at the pump station.

FS Date: 12/3/2013

LM Start	1.55	Rating **	М	Issue No.	34 (cont)
LM End	1.55	Issue Type +	En	Location *	WS



View of levee crown and concrete box located on waterward shoulder.

Photo 2 of 2: UCIP_FA_2016_31223_57123.jpg



Concrete box located on waterward shoulder.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.82	Rating **	A/W	Issue No.		9	
LM End	1.82	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Itom	Item Slope Stability			38.5957	° 00	38.595700°	
item				-121.448198°		-121.448198°	
DWR ID	DWR_NA0	001_03_s _ 201	2_9				
		Comn	nent Cod	de			
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.							
Inspector Comment							
Slope repaired. Monitor for possible future erosion.							



View of the erosion on landside levee slope due to pedestrian traffic.

LM Start	1.91	Rating **	М	Issue No.		38		
LM End	1.91	Issue Type +	En	Location *		LS		
Supplemental				GPS Latitude/Longitude				
Category				Start		End		
ltom	Item DWR UCIP Field Study			38.5960	96°	38.596096°		
пеш				-121.4498	15°	-121.449815°		
DWR ID								

Inspector Comment

Comment Code

FS_ID:31230 DS_ID:24801 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No permit found--need to contact owner to determine

status of crossing.

FIELD_STRUCT_DESC: Gas line through levee at unknown depth. Markers visible on waterside (WS) and landside (LS). Kinder Morgan conctact's information is 916-363-1666.

FS Date: 12/6/2013

Photo 1 of 2: UCIP_FA_2016_31230_57146.jpg



View of waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.91	Rating **	М	Issue No.	ue No. 38 (cont	
LM End	1.91	Issue Type +	En	Location *		LS
Category Supplemental			GPS Latitude/Longitude			
			Start		End	
Itom	DWR UCI	P Field Study		38.5960	96 °	38.596096°
пеш	Item			-121.4498	15 °	-121.449815 °
DWR ID						
Comment Code						

Inspector Comment

FS_ID:31230 DS_ID:24801 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No permit found--need to contact owner to determine

status of crossing.

FIELD_STRUCT_DESC: Gas line through levee at unknown depth. Markers visible on waterside (WS) and landside (LS). Kinder Morgan

conctact's information is 916-363-1666.

FS Date: 12/6/2013



Overview of levee crown at crossing.

LM Start	1.91	Rating **	М	Issue No.	32			
LM End	1.91	Issue Type +	En	Location *	LS			
Category			GPS Latitude/Longitude					
Calegory			Start		End			
Itom	DWR UCI	P Field Study		38.59610	08°	38.596108°		
пеш	Item			-121.4498	37°	-121.449887 °		
DWR ID	DWR ID							
Comment Code								

Inspector Comment

FS_ID:29826 DS_ID:24294 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain

encroachment permit for work.

FIELD_STRUCT_DESC: Communications conduit through the levee at

unknown depth. FS Date: 12/6/2013

Photo 1 of 2: UCIP_FA_2016_29826_55135.jpg



Overview of levee crown looking upstram at crossing.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.91	Rating **	М	Issue No.		32 (cont)	
LM End	1.91	Issue Type +	En	Location *		LS	
Category	GPS Latitude/Longitude						
Calegory				Start		End	
Item	DWR UCIP Field Study			38.596108	3°	38.596108	0
пеш				-121.449887	, o	-121.449887	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:29826 DS_ID:24294 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain

encroachment permit for work.

FIELD_STRUCT_DESC: Communications conduit through the levee at

unknown depth. FS Date: 12/6/2013

Photo 2 of 2 : UCIP_FA_2016_2982	6_55134.jpg
	AAA
AAAA MAAAAA AAAAA	E
	an of wate
	18 700 153 (2

View of landward side--conduit markers visible.

LM Start	1.92	Rating **	М	Issue No.		33	
LM End	1.92	Issue Type +	En	Location *	LS		
Supplemental				GPS Latitude/Longitude			
Category			Start		End		
Item	DWR UCI	P Field Study		38.5961	08°	38.596108°	
пеш				-121.449887 °		-121.449887°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:29827 DS_ID:24296 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain

encroachment permit for work.

FIELD_STRUCT_DESC: 3-inch cable through the levee, 2.5 feet below the crown. Two overhead telephone lines across the levee at location. FS Date: 12/6/2013

Photo 1 of 2: UCIP_FA_2016_29827_55141.jpg



Overview of levee crown looking upstream at crossing.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.92 Rating ** M		Issue No.	33 (cont)		_	
LM End	1.92	Issue Type +	En	Location *	ocation * LS		
Catagory	Category Supplemental					le/Longitude	
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.59610	08°	38.596108	0
пеш				-121.4498	37°	-121.449887	0
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:29827 DS_ID:24296 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain

encroachment permit for work.

FIELD_STRUCT_DESC: 3-inch cable through the levee, 2.5 feet below the crown. Two overhead telephone lines across the levee at location.

FS Date: 12/6/2013

Photo 2 of 2 : UCIP_FA_2016_29827_55140.jpg

Conduit markers visible on landward side.

LM Start	1.94	Rating **	Α	Issue No.	27		
LM End	2.93	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS La	atitud	e/Longitude	
				Start		End	
Item	Vegetation			38.5961	77°	38.596375°	
item				-121.4504	56°	-121.467529°	
DWR ID	DWR_NA0	001_03_f _ 201	6_27			·	
	Comment Code						

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Acceptable vegetation control.

Photo 1 of 1: FA_2016_NA0001_490_27_20161031_00034.jpg



View of the vegetation on the landside levee slope.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	2.21	Rating **	С	Issue No.		28	
LM End	2.21	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS La	atitud	e/Longitude	
Category		Start		End			
Animal Control			38.5962	78°	38.596278	٥	
пеш				-121.4554	35°	-121.455435	0
DWR ID	DWR_NA0	001_03_f _ 201	6_28				
		Comn	nent Coc	de			
A1 : Exterr	minate rod	ents and back	fill and c	compact or	grou	t burrows.	
		Inspecto	or Comm	nent			
LMA backt	LMA backfilled the holes.						

No Photos

Rating ** С Issue No. LM Start 2.27 26 2.27 Issue Type + Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 38.596161° 38.596161 ° -121.456419° -121.456419° DWR ID DWR_NA0001_03_f _ 2015_26 Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

The holes were backfilled by the LMA.

No Photos

LM Start	2.40	Rating **	С	Issue No.		25	
LM End	2.40	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Animal Control			38.5955	49°	38.595549	0	
item				-121.4587	14°	-121.458714	0
DWR ID	DWR_NA0	001_03_f _ 201	5_25				
Comment Code							

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

The holes were backfilled by the LMA.

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

State of California - Department of Water Resources - Division of Flood Management - Flood Project Integrity & Inspection Branch

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	3.17	Rating **	С	Issue No.		1	
LM End	3.17	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Itom	Animal Control			38.5991	41 °	38.599141	٥
Rem				-121.470227 °		-121.470227	٥
DWR ID	DWR ID DWR_NA0001_03_f _ 2013_1						
		Comn	nent Cod	de			
A3 : No roo compact o		le, but rodent rows.	burrows	visible; ne	ed to	backfill and	
		Inspecto	or Comm	nent			
Site repair	ed.						

No Photos

LM Start	3.29	Rating **	M	Issue No.	40	
LM End	3.29	Issue Type +	En	Location *	LS	
Category	Suppleme	GPS Latitude/Longitude				
Calegory				Start		End
DWR UCIP Field Study			38.60071	8°	38.600718°	
Item				-121.47149	91 °	-121.471491°
DWR ID						·

Comment Code

Inspector Comment

FS_ID:50049 DS_ID:24648 EP_NO: 911

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 8/11/2016 Markers found on WS. No markers found on LS. Crossing has been downgraded from Urgent to Non-Urgent, pipe has been marked on WS only. (DWR UCIP - omagana)2/6/2015 Permit information was entered and crossing description updated (DWR UCIP - omagana)12/3/13 Need to contact owner to determine status of crossing. Markers missing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch gas line through the levee at unknown depth. Markers found on the waterside (WS) approximately 192 feet and 410 feet from levee crown. No markers found on landside (LS). (line installed under Permit No. 911, 1943 - Pacific Gas and Electric Company [PG&E])

FS Date: 8/11/2016

Photo 1 of 2: UCIP_FA_2016_50049_53391.jpg



View of LS slope and USA paint markings indicating alignment.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	3.29	Rating **	М	Issue No.		40 (cont)	
LM End	3.29	Issue Type +	En	Location *		LS	
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.60071	8°	38.600718	0
пеш				-121.47149	1 °	-121.471491	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:50049 DS_ID:24648 EP_NO: 911

Repair Type: Non-Urgent Crossing Status: Found

FS Date: 8/11/2016

UCIP Comments: 8/11/2016 Markers found on WS. No markers found on LS. Crossing has been downgraded from Urgent to Non-Urgent, pipe has been marked on WS only. (DWR UCIP - omagana)2/6/2015 Permit information was entered and crossing description updated. (DWR UCIP - omagana)12/3/13 Need to contact owner to determine status of crossing. Markers missing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch gas line through the levee at unknown depth. Markers found on the waterside (WS) approximately 192 feet and 410 feet from levee crown. No markers found on landside (LS). (line installed under Permit No. 911, 1943 - Pacific Gas and Electric Company [PG&E])

Photo 2 of 2: UCIP_FA_2016_50049_53390.jpg



Underground service alert (USA) approximate alignment for 12-inch gas line through levee and WS--USA markings on bike path.

LM Start	3.31	Rating **	М	Issue No.		24
LM End	3.31	Issue Type +	En	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Item	Encroach	ments		38.6009	58°	38.600958°
item				-121.4716	18°	-121.471618°
DWR ID DWR_NA0001_03_s _ 2015_24						
		_				

Comment Code

PO: Pole

Inspector Comment

SMUD replacing old pole at the landside toe of the levee. Pole line does not appear to be permitted.

Photo 1 of 1: FA_2016_NA0001_490_24_20160914_00005.jpg



View of a new pole installed at the landside levee toe.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 04 American River	Left	10.86

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	2/29/2016 - 3/3/2016		10/26/2016 - 10/27/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start		Rating **	М	Issue No.		771	
LM End		Issue Type +	En	Location *		LS	
Category				GPS Latitude/Longitude			
Calegory						End	
Item	DWR UCI	P Field Study		38.5875	14°	38.587514°	
пеш				-121.4654	97 °	-121.465497°	
DWR ID						·	
		Comm	ont Coo	10			

Comment Code

Inspector Comment

FS_ID:50052 DS_ID:25127 EP_NO: 3362

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments:

FIELD_STRUCT_DESC: 14-inch corrugated metal water return pipe through the levee, 1.5 feet below the crown. Metal cutoff wall around pipe at center of levee. Concrete sump on landside (LS) end. Discharge trough and flap gate on the waterside (WS) slope. (Permit No. 3362A-

1964)

FS Date: 4/1/2016

Photo 1	of 2 ·	UCIP	FA	2016	29003	53405 ina	

No Photos



Approximate alignment provided by the City of Sacramento for 2 inch line. Point labelled in green is field verified location where signs of crossing exist.

LM Start 0.06 Rating ** Issue No. 757 Issue Type + Location * LM End 0.06 Fn LS Supplemental GPS Latitude/Longitude Category Start End DWR UCIP Field Study 38.597198° 38.597198 Item -121.506532 ° -121.506532° DWR ID Comment Code

Inspector Comment

FS_ID:29003 DS_ID:24344 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Metal boxes located on landward side could be associated with utility -- unable to confirm. Will need to contact owner. FIELD_STRUCT_DESC: Electrical conduit through the levee at

unknown depth. FS Date: 12/19/2013

Location N/A: Not Applicable LS: Land Side WS: Water Side

: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	0.06	Rating **	М	Issue No.		757 (cont)			
LM End	0.06	Issue Type +	En	Location *	LS				
Category				GPS Latitude/Longitude					
Calegory	Category			Start		End			
Item	DWR UCI	P Field Study		38.59719	8°	38.597198°			
пеш				-121.50653	2 °	-121.506532°			
DWR ID									
	Comment Code								

Inspector Comment

FS_ID:29003 DS_ID:24344 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Metal boxes located on landward side could be associated with utility -- unable to confirm. Will need to contact owner. FIELD_STRUCT_DESC: Electrical conduit through the levee at

unknown depth. FS Date: 12/19/2013



Overview of levee crown and waterward side.

LM Start	0.20	Rating **	A/W	Issue No.		242	
LM End	0.20	Issue Type +	En	Location *	CR		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
ltom	Encroach	ments		38.5988	32°	38.598832°	
пеш	Item			-121.5049	84 °	-121.504984°	
DWR ID DWR_NA0001_04_s _ 2015_242							
		Comn	nent Cod	de			

FE: Fence

Inspector Comment

County has obtained a permit from CVFPB 19069 to install gates.

Photo 1 of 1 : FA_2016_NA0001_55_242_20160914_00188.jpg



View of the gate installation in progress on the levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	0.21	Rating **	М	Issue No.		758		
LM End	0.21	Issue Type +	En	Location *		CR		
Supplemental				GPS Latitude/Longitude				
Category				Start		End		
Item	DWR UC	P Field Study		38.5989	82 °	38.598982°		
пеш				-121.5050	45 °	-121.505045 °		
DWR ID						·		
	Comment Code							

Inspector Comment

FS_ID:29006 DS_ID:24435 EP_NO: 17171

Repair Type: Non-Urgent Crossing Status: Not Found

UCIP Comments: Unable to find any indications that crossing is still active. Will need to contact owner to determine status of crossing. FIELD STRUCT DESC: 48-inch steel water line through the levee. approximately 32.0 feet below the crown. Siphon and blowoff valves in

concrete riser on the landside (LS). (Permit No. 17171-2001)

FS Date: 12/19/2013



Approximate alignment provided by the City of Sacramento--crossing not found during field visit.

0.21 Rating ** М Issue No. LM Start 177 Issue Type + En Location * CR 0.21 LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.598980° 38.598980 -121.504773° -121.504773 DWR ID DWR_NA0001_04_s _ 2012_177 Comment Code

V6: Landscaping

Inspector Comment

Landscaping on levee crown at overpass.

Photo 1 of 1: FA_2016_NA0001_55_177_20160914_00154.jpg



View of the landscaping on the levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	0.31	Rating **	М	Issue No.		1	
LM End	0.45	Issue Type +	En	Location *		LS	
Category	Earthen Levee				atitud	le/Longitude	
Calegory	egory					End	
Item	Vegetation			38.599835 °		38.600769°	
item				-121.5034	48°	-121.501133 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_1				
		Comn	nent Cod	de			
V6 : Lands	caping						

Inspector Comment

Vines and privacy fence within 10-ft of the landside toe or on the levee slope obstruct visibility and access.



View of the vines obstructing visibility.

LM Start	0.40 Rating ** M Issue No.		0.40 Rating ** M Issue No.			765
LM End	0.40	Issue Type + En Loca		Location *		LS
Catagory	Suppleme	ental		GPS La	titud	le/Longitude
Calegory	Category					End
Item	DWR UCI	P Field Study		38.6004	36°	38.600436°
item				-121.5020	58°	-121.502058°
DWR ID						

Comment Code

Inspector Comment

FS_ID:31249 DS_ID:24303 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Non-functional crossing--need additional information about how crossing was abandoned.

FIELD_STRUCT_DESC: *ABANDONED* 42-inch corrugated metal (CM) pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate in CM riser and splash board drain structure on the landside (LS). (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 10+00).

FS Date: 12/19/2013

Photo 1 of 2: UCIP_FA_2016_31249_57212.jpg



Overview of crossing location.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	0.40	Rating **	М	Issue No.		765 (cont)	
LM End	0.40	Issue Type +	En	Location *	LS		
Category	Suppleme	ental		GPS La	titud	e/Longitude	
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.60043	36°	38.600436	0
пеш				-121.5020	58°	-121.502058	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:31249 DS_ID:24303 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Non-functional crossing--need additional information

about how crossing was abandoned.

FIELD_STRUCT_DESC: *ABANDONED* 42-inch corrugated metal (CM) pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate in CM riser and splash board drain structure on the landside (LS). (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 10+00).

FS Date: 12/19/2013



View of levee crown at this location.

LM Start	0.60	Rating **	N	Issue No.		212	
LM End	0.60	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start		End	
Item	Trim / Thi	n Trees	Trees		80°	38.601380	0
пеш				-121.4985	33°	-121.498533	0
DWR ID	DWR_NA0	001_04_f _ 201	3_212				
		Comn	nent Cod	le			
T5 : Tree s	stumps.						

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	0.83	Rating **	С	Issue No.		67			
LM End	0.83	Issue Type +	En	Location *		LS			
Category	evee	GPS La	atitud	e/Longitude					
Calegory			Start		End				
Item	Encroach	ments		38.6016	88°	38.601688 °			
пеш				-121.494286°		-121.494286 °			
DWR ID	DWR_NA0	001_04_s _ 201	3_67						
		Comn	nent Cod	de					
RA: Ramp)								
	Inspector Comment								
Old bicycle	Old bicycle ramp has not been properly graded.								

No Photos

LM Start	1.61	Rating **	М	Issue No.		7	
LM End	1.65	Issue Type +	Ma	Location *		WS	
Category	Suppleme	Supplemental			GPS Latitude/Longitude		
Calegory			Start		End		
Item		ACE Erosion S	Survey,	38.5990	95 °	38.598791	0
пеш	DRAFT			-121.4803	37°	-121.479799	0
DWR ID	DWR_NA0	001_04_s _ 201	6_7			'	
		Comp	nent Coc	ام			

Inspector Comment

2012 - Located just downstream of older repair. Failing rock at the upstream end. Erosion of the bank has exposed large tree roots. 2015: No observed changes. [2015 Site ID: LAR_1-8_L]

Photo 1 of 1 : FA_2016_NA0001_55_7_20160914_00008.jpg



USACE 2013 Photo #1

LM Start	1.85	Rating **	A/W	Issue No.	250		
LM End	1.85	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	Zategory					End	
Item	Slope Sta	bility		38.59622	20°	38.596220°	
item				-121.4777	13°	-121.477713°	
DWR ID	DWR ID DWR_NA0001_04_s _ 2016_250						
	Comment Code						

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment



View of the footpath on the waterside levee slope, looking downstream.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	1.85	Rating **	A/W	Issue No.	250 (cont)		
LM End	1.85	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Slope Sta	bility		38.596220°		38.596220°	
пеш				-121.477713 ° -121.477713			
DWR ID	DWR_NA0	001_04_s _ 201	6_250				
		Comn	nent Cod	de			
S2 : Repai where pos		slope damag	jed by fo	ot traffic an	d pr	event access	
Inspector Comment							



View of the footpath on the waterside levee slope, looking at the slope.

LM Start	1.88	Rating **	U	Issue No.		770	
LM End	1.88	Issue Type +	En	Location *		WS	
Category	Suppleme	ental	GPS Latitude/Longitude				
Calegory			Start		End		
Item	DWR UCI	P Field Study		38.595911°		38.595911°	
item				-121.4774	85 °	-121.477485°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:49935 DS_ID:24307 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 8/11/2016 Crossing was classified incorrectly. Crossing is not a gas line. This crossing appears to be an abandoned sewer line. On WS, holes are present on the pipe wall and visible cracks are found on the concrete wall where pipe crosses. According to LMA, Tim Kerr and Richard Marck, this crossing could be a City line. Need to find owner and determine fate of crossing. Owner will need to coordinate with CVFPB to comply with Title 23. (DWR UCIP - omagana)12/19/2013 No markers or labels visible to indicate line is gas line--unable to confirm. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ABANDONED* 18-inch (not 20-inch as

referenced in DWR levee logs) steel line of unknown type through the levee, 5 feet below the crown. The 20-inch pipe was initially referenced as a 20-inch gas line under DWR levee logs that dated back to 1956. During the 2016 inspection, the pipe was identified (field measured) as an 18-inches non-gas line. It appears that this crossing has been mislabelled or replaced no additional information was found. [Additional Reference(s): DWR Levee Log, 1956 and 2002]

FS Date: 8/11/2016

Photo 1 of 2: UCIP_FA_2016_49935_53496.jpg



View of line exposed at the bridge.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	1.88	Rating **	U	Issue No.	770 (cont)		
LM End	1.88	Issue Type +	En	Location *	WS		
Category	Suppleme	GPS Latitude/Longitude					
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.59591	1°	38.595911°	
пеш			-121.47748	5°	-121.477485°		
DWR ID	DWR ID						
Comment Code							

Inspector Comment

FS_ID:49935 DS_ID:24307 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

FS Date: 8/11/2016

UCIP Comments: 8/11/2016 Crossing was classified incorrectly. Crossing is not a gas line. This crossing appears to be an abandoned sewer line. On WS, holes are present on the pipe wall and visible cracks are found on the concrete wall where pipe crosses. According to LMA, Tim Kerr and Richard Marck, this crossing could be a City line. Need to find owner and determine fate of crossing. Owner will need to coordinate with CVFPB to comply with Title 23. (DWR UCIP omagana)12/19/2013 No markers or labels visible to indicate line is gas line--unable to confirm. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ABANDONED* 18-inch (not 20-inch as referenced in DWR levee logs) steel line of unknown type through the levee, 5 feet below the crown. The 20-inch pipe was initially referenced as a 20-inch gas line under DWR levee logs that dated back to 1956. During the 2016 inspection, the pipe was identified (field measured) as an 18-inches non-gas line. It appears that this crossing has been mislabelled or replaced no additional information was found. [Additional Reference(s): DWR Levee Log, 1956 and 2002]

Photo 2 of 2: UCIP_FA_2016_49935_53495.jpg



Two crossings visible at bridge.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	1.88	Rating **	М	Issue No.		772	
LM End	1.88	Issue Type +	En	Location *		WS	
Category	GPS Latitude/Longitude						
Calegory	Category					End	
Item	DWR UCI	P Field Study		38.59591	1°	38.595911	0
пеш				-121.47748	5 °	-121.477485	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:50050 DS_ID:24528 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 9/21/2016 According to CVFPB enforcement records. PG&E is working on submitting permit for gas line. (DWR UCIP - omagana)8/11/2016 gas line is clearly marked on WS. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 10-inch steel gas main through the levee, 5 feet below the crown. PG&E label found on WS portion of exposed pipe. Contact for PG&E 1-800-743-6990 or 1-800642-2444. [Additional Reference(s): DWR Levee Log, 2002]

FS Date: 8/11/2016

LM Start	1.88	Rating **	М	Issue No.	772 (cont)
LM End	1.88	Issue Type +	En	Location *	WS

Photo 1 of 2: UCIP_FA_2016_50050_55422.jpg



Utility lines through levee and across channel.

Photo 2 of 2: UCIP_FA_2016_50050_55421.jpg



Larger line is not marked as gas line and smaller line has label indicating gas line.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

	4.05	D-4: **	0.007	Innua Na			
LM Start	1.95	Rating **	A/W	Issue No.		244	
LM End	1.95	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Slope Sta	bility		38.5950)40°	38.595040°	
item		-121.476882 °					
DWR ID DWR_NA0001_04_f _ 2015_244							
		Comn	nent Cod	de			
S2 : Repai where pos		slope damag	ged by fo	ot traffic an	d pre	event access	
		Inspecto	or Comm	nent			



View of the footpath on the landside levee slope.

LM Start	2.25	Rating **	М	Issue No.	753		
LM End	2.25	Issue Type +	En	Location *	LS		
Category	ental	GPS Latitude/Longitude					
Calegory			Start		End		
Item	DWR UCI	P Field Study		38.5919	23°	38.591923°	
item				-121.4737	44 °	-121.473744°	
DWR ID	DWR ID						
Comment Code							

Inspector Comment

FS_ID:29927 DS_ID:24310 EP_NO: 14150

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm if crossing is 4-inch steel conduit-will need to coordinate with owner.

FIELD_STRUCT_DESC: 4-inch steel pipe conduit containing fiber optic cables through the levee, 3.5 feet below the crown. Markers on the levee shoulder. Rock revetment on the waterside (WS) slope. (Permit No. 14150-1986)

FS Date: 12/19/2013

Photo 1 of 2: UCIP_FA_2016_29927_55259.jpg



View of waterward slope--concrete box could be associated with conduit?

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	2.25	Rating **	М	Issue No.	753 (cont)		
LM End	2.25	Issue Type +	En	Location *	LS		
Category	Suppleme	GPS Latitude/Longitude					
Calegory	Start					End	
Item	DWR UCI	P Field Study		38.59192	3°	38.591923°	
пеш						-121.473744°	
DWR ID	'R ID						
Comment Code							

Inspector Comment

FS_ID:29927 DS_ID:24310 EP_NO: 14150

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm if crossing is 4-inch steel conduit--

will need to coordinate with owner.

FIELD_STRUCT_DESC: 4-inch steel pipe conduit containing fiber optic cables through the levee, 3.5 feet below the crown. Markers on the levee shoulder. Rock revetment on the waterside (WS) slope. (Permit

No. 14150-1986) FS Date: 12/19/2013



Marker for buried fiber optic cable on waterward side.

LM Start	2.28	Rating **	U	Issue No.		252
LM End	2.28	Issue Type +	En	Location *		CR
Category	Earthen L	evee		GPS Latitude/Longitude		
Category						End
Item	Encroach	ncroachments		38.5916	02°	38.591602°
пеш				-121.473223 °		-121.473223°
DWR ID	DWR_NA0	001_04_f _ 201	6_252			

Comment Code

FE: Fence

Inspector Comment

Unauthorized fence being installed across the levee and down the landside and waterside slopes and into the floodway.

Photo 1 of 3: FA_2016_NA0001_55_252_20161031_00252.jpg



Landside view of the new fence construction across the levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	2.28	Rating **	U	Issue No.		252 (cont)	
LM End	2.28	Issue Type +	Fn	Location *		CR	
Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.5916	02°	38.591602°	
item				-121.473223°		-121.473223°	
DWR ID DWR_NA0001_04_f _ 2016_252							
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
	Inspector Comment Unauthorized fence being installed across the levee and down the landside and waterside slopes and into the floodway.						

LM Start	2.28	Rating **	U	Issue No.	252 (cont)
LM End	2 28	Issue Type +	Fn	Location *	CR

Photo 2 of 3 : FA_2016_NA0001_55_252_20161031_00254.jpg



Waterside view of the new fence construction across the levee crown.

Photo 3 of 3: FA_2016_NA0001_55_252_20161031_00255.jpg



View of the fence post hole in the levee crown.

LM Start	2.68	Rating **	U	Issue No.		2
LIVI Start	2.00	Rating	U	13306 110.		
LM End	2.68	Issue Type +	En	Location *		LS
Category	Catagoria Earthen Levee			GPS La	atitud	e/Longitude
Category				Start		End
Item	Encroachments				13°	38.588913°
il GIII				-121.4672	-121.467210°	
DWR ID DWR_NA0001_04_s _ 2012_2						
		Comn	nent Cod	de		
BU : Buildi	ng					
		Inspecto	or Comm	nent		
Bell Marine	9					



03/16/2012 Structure on Bell Marine property.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	2.72	Rating **	М	Issue No.		754	
LM End	2.72	Issue Type +	En	Location *	LS		
Category			GPS Latitude/Longitude				
Calegory						End	
Item	DWR UCI	P Field Study		38.58790	6 °	38.587906	0
пеш				-121.46668	9°	-121.466689	o
DWR ID							Ī

Inspector Comment

Comment Code

FS_ID:29944 DS_ID:24327 EP_NO: 3362

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe sections abandoned on levee crown--need to

contact owner to determine status of crossing.

FIELD_STRUCT_DESC: 12-inch steel pipe through the levee. Pipe extends from a settling pond, on the left bank berm, to an existing borrow pit located in the overflow area adjacent to the right bank. The pipeline is buried through the top of the riverbanks and buried in the left bank with aggregate revetment placed on the bank. The remainder of the pipeline is exposed across the bottom of the channel and the right bank. The line is used to divert wash water return from the gravel plant to the opposite side of the river. (Permit 8146-1974)

FS Date: 12/19/2013

LM Start	2.72	Rating **	М	Issue No.	754 (cont)
LM End	2.72	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_29944_55267.jpg



Remnants of old crossing located on levee crown.

Photo 2 of 2: UCIP_FA_2016_29944_55266.jpg



View of structure located on levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	2.72	Rating **	М	Issue No.		3	
LM End	2.86	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		38.5879	39°	38.587299°	
пеш				-121.466635°		-121.464320°	
DWR ID DWR_NA0001_04_s _ 2012_3							
		Comn	nent Cod	de			
EQ : Equip	ment						
		Inspecto	or Comm	nent			
Bell Marine, LMA sent a letter to property owner for the violation.							



View of the debris obstructing visibility and access.

Rating ** Issue No. LM Start 2.74 Μ 247 Issue Type + Ма Location * CR LM End 2.74 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.587778° 38.587778° -121.466313 ° -121.466313° DWR ID DWR_NA0001_04_s _ 2012_247 Comment Code V4: Elderberries are blocking visibility and flood fight capability. Inspector Comment

No Photos

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	2.77	Rating **	М	Issue No.		759	
LM End	2.77	Issue Type +	En	Location *	CR		
Category	Suppleme	ental		GPS Lat	itud	e/Longitude	
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.58762	9°	38.587629	٥
пеш				-121.46590	5 °	-121.465905	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:31444 DS_ID:24805 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: No permit (unauthorized crossing)--need addtional

information about crossing.

FIELD_STRUCT_DESC: Standpipe located on waterward shoulder.

Unable to confirm pipe alignment. No permit found.

FS Date: 12/19/2013

LM Start	2.77	Rating **	М	Issue No.	759 (cont)
LM End	2.77	Issue Type +	En	Location *	CR

Photo 1 of 2: UCIP_FA_2016_31444_57486.jpg



View of waterward slope.

Photo 2 of 2: UCIP_FA_2016_31444_57485.jpg



Standpipe located on waterward shoulder.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	2.82	Rating **	М	Issue No.	760		
LM End	2.82	Issue Type +	En	Location *	CR		
Category	ental	GPS Latitude/Longitude					
Calegory	Start End					End	
Item	DWR UCI	P Field Study		38.58743	8°	38.587438°	
пеш	-121.464989 °					-121.464989°	
DWR ID	DWR ID						
	Comment Code						

Inspector Comment

FS_ID:31445 DS_ID:24806 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No permit found (unauthorized?)--need additional

information about crossing.

FIELD_STRUCT_DESC: Standpipe located on waterside (WS) shoulder. Pipe crosses levee crown and landside (LS). Pipe used for

irrigation. No Permit found. FS Date: 12/13/2013



Spigot located inside riser located on waterward shoulder.

LM Start	2.82	Rating **	М	Issue No.		766
LM End	2.82	Issue Type +	En	Location *		CR
Category	Suppleme	ental		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	DWR UCI	P Field Study		38.5873	83°	38.587383 °
пеш				-121.4649	51 °	-121.464951 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:31253 DS_ID:24328 EP_NO: 5890

Repair Type: Non-Urgent Crossing Status: Not Found

UCIP Comments: Need to contact owner to determine status of crossing--approximate alignment indicates pipe does not cross levee

however records shows drain pipe crosses levee.

FIELD_STRUCT_DESC: 8-inch corrugated metal (CM) drainpipe through the levee, 2.1 feet below the crown. Concrete drop inlet structure at waterside (WS) shoulder. Maintenance facilities and yard on the landside (LS). Rock revetment on WS slope. (Pemit No. 5890-1968) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 156+75).

FS Date: 12/19/2013

Photo 1 of 1: UCIP_FA_2016_31253_57216.jpg



Approximate alignment indicated in blue and approximate location indicated by DWR-UCIP in green label.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated C: Corrected

N: Not Inspected/Rated C: Corrected

C: Corrected C: Corrected

AW: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated

C: Corrected

Ob: Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	2.83	Rating **	М	Issue No.		4	
LM End	2.83	Issue Type +	En	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.5872	72°	38.587272°	
пеш				-121.4647	68°	-121.464768 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_4				
		Comn	nent Cod	de			
DE : Debri	s						
		Inspecto	or Comm	nent			
Bell Marine	Bell Marine, LMA sent a letter to the property owner for this violation.						

Don Manne	, LIVIA 301	it a lotter to th	ic proper	ty Ownier 10	i tilis violation.
I M Stort	2 83	Rating **	M	Issue No.	4 (cont)
LM Start	2.83	Rating **	M	Issue No.	4 (cont)

Issue Type +

Location *

WS



View of the debris stored in floodway.

Photo 2 of 2: FA_2016_NA0001_55_4_20160914_00005.jpg



View of the derelict boats in the floodway. Bell Marine has a service contract to dispose of abandoned boats for the City.

LM Start	2.86	Rating **	М	Issue No.		248		
LM End	2.86	Issue Type +	Ма	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetatio	n		38.5872	93°	38.587293 °		
item				-121.4643	38°	-121.464338°		
DWR ID	DWR_NA0	001_04_s _ 201	2_248					
		Comn	nent Cod	de				
V4 : Elderk	perries are	blocking visib	ility and	flood fight	сара	bility.		
		Inspecto	or Comm	nent				

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	2.92	Rating **	U	Issue No.		5
LM End	2.96	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Encroachments			38.5872	.51°	38.587318°
пеш				-121.463237 ° -121.462		
DWR ID	DWR_NA0	001_04_s _ 201	2_5			
		Comn	nent Cod	de		
BU : Buildi	ng					
		Inspecto	or Comm	nent		
City of Sacramento building. Building is now Sutter's Landing Skate Park.						

Photo 1 of 1 : FA_2016_NA0001_55_5_20160914_00006.jpg



03/16/2012 Sutter's Landing Skate Park.

LM Start	3.19	Rating **	М	Issue No.	767			
LM End	3.19	Issue Type +	En	Location *	LS			
Category				GPS Latitude/Longitude				
Calegory	negory					End		
Item	DWR UCI	P Field Study		38.5886	01 °	38.588601°		
пеш				-121.45850	03°	-121.458503°		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:31254 DS_ID:24330 EP_NO: 15041

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Hole present on riser located on landward side-contact owner. Additional pipe found in waterward berm. Unable to confirm if this pipe section is part of crossing--size does not match. Unable to find CM standpipe on waterward side.

FIELD_STRUCT_DESC: 16-inch corrugated metal (CM) drainpipe through the levee. Steel cutoff wall around pipe at center of levee. Storm drain gate on landside (LS) shoulder. Drainage ditch on LS. CM standpipe on WS. Rock-filled ditch on WS. (Permit No. 15041-1993) FS Date: 12/13/2013

Photo 1 of 2: UCIP_FA_2016_31254_57217.jpg



Overview of waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	3.19	Rating **	М	Issue No.	767 (cont)			
LM End	3.19	Issue Type +	En	Location *	LS			
Category				GPS Latitude/Longitude				
Calegory			Start		End			
Item	DWR UCI	P Field Study		38.58860	1 °	38.588601 °		
пеш				-121.45850	3°	-121.458503°		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:31254 DS_ID:24330 EP_NO: 15041

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Hole present on riser located on landward side-contact owner. Additional pipe found in waterward berm. Unable to confirm if this pipe section is part of crossing--size does not match. Unable to find CM standpipe on waterward side.

FIELD_STRUCT_DESC: 16-inch corrugated metal (CM) drainpipe through the levee. Steel cutoff wall around pipe at center of levee. Storm drain gate on landside (LS) shoulder. Drainage ditch on LS. CM standpipe on WS. Rock-filled ditch on WS. (Permit No. 15041-1993)

FS Date: 12/13/2013



Pipe buried by vegetation--unable to determine if pipe goes through levee.

LM Start	3.62	Rating **	М	Issue No.		769	
LM End	3.62	Issue Type +	En	Location *		LS	
Category	Suppleme	ental		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	DWR UC	IP Field Study		38.5890	33°	38.589033	0
пеш				-121.4511	45 °	-121.451145	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:42128 DS_ID:24807 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Per Title 23 markers are necessary for pressure line--markers present. Recommend LMA to contact owner to determine additional information details--CVFPB permit, depth of pipe through levee, alignment, and last inspection completed confirming integrity of crossing.No permit found. Will need to contact owner to determine the status of crossing. FIELD_STRUCT_DESC: Petroleum pipeline through the levee, unknow depth. Markers visible on waterside (WS). Unable to confirm alignment. Kinder Morgan (Owner) contact information is 916-363-1666. FS Date: 12/13/2013

Photo 1 of 2: UCIP_FA_2016_42128_56573.jpg



View of waterward side.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	3.62	Rating **	М	Issue No.		769 (cont)
LM End	3.62	Issue Type +	En	Location *	LS	
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory				Start		End
Item	DWR UCI	P Field Study		38.58903	33°	38.589033 °
пеш				-121.45114	۱5°	-121.451145°
DWR ID						·

Inspector Comment

Comment Code

FS_ID:42128 DS_ID:24807 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Per Title 23 markers are necessary for pressure line--markers present. Recommend LMA to contact owner to determine additional information details--CVFPB permit, depth of pipe through levee, alignment, and last inspection completed confirming integrity of crossing.No permit found. WillI need to contact owner to determine the status of crossing. FIELD_STRUCT_DESC: Petroleum pipeline through the levee, unknow depth. Markers visible on waterside (WS). Unable to confirm alignment. Kinder Morgan (Owner) contact information is 916-363-1666. FS Date: 12/13/2013



View of landward side.

LM Start	3.71	Rating **	U	Issue No.	251			
LM End	3.71	Issue Type +	En	Location *	CR			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory		Start		End				
Item	Encroach	ments		38.5880	76°	38.588076 °		
пеш				-121.4501	75°	-121.450175 °		
DWR ID	VR ID DWR_NA0001_04_f _ 2016_251							
	Comment Code							

MA : Material

Inspector Comment

UPRR removed crossing. Unable to cross the tracks during high water.

Photo 1 of 1: FA_2016_NA0001_55_251_20161031_00251.jpg



View of the removed RR crossing on the crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	3.75	Rating **	М	Issue No.	768				
LM End	3.75	Issue Type +	En	Location *	CR				
Category	Supplemental				GPS Latitude/Longitude				
Category		Start		End					
Item	DWR UCI	P Field Study		38.58772	24 °	38.587724	0		
пеш				-121.44955	54 °	-121.449554	0		
DWR ID									
	Comment Code								

Inspector Comment

FS_ID:31255 DS_ID:24335 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Control box is non-functional parts have been removed. Unable to confirm diameter size and status--City of Sacramento incidates a 24 inch sewer main not 18 inch. Need to contact owner to confirm size.

FIELD_STRUCT_DESC: 18-inch sewer main through the levee.

Concrete manhole on the waterside (WS) slope.

FS Date: 12/13/2013

LM Start	3.75	Rating **	М	Issue No.	768 (cont)
LM End	3.75	Issue Type +	En	Location *	CR

Photo 1 of 2: UCIP_FA_2016_31255_57226.jpg



Approximate alignment provided by City of Sacramento and DWR-UCIP confirmed location of sewer line is indicated by green label.

Photo 2 of 2: UCIP_FA_2016_31255_57223.jpg



View of waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	3.88	Rating **	U	Issue No.		773	
LM End	3.88	Issue Type +	En	Location *	CR		
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start End			
DWR UCIP Field Study		38.586496	3°	38.586496°			
пеш				-121.44763°	1°	-121.447631 °	
DWR ID						,	

Inspector Comment

Comment Code

FS_ID:50051 DS_ID:24311 EP_NO: 2805 Repair Type: Urgent

Crossing Status: Indicator Found

UCIP Comments: 8/11/2016 Inspected the crossing with Tim Kerr and Richard Marck, LMA representatives, and it appears that this crossing in not the correct location. The odor could be due to a sewer clean out located on LS toe. Need to do additional research and coordinate with Sacramento County to confirm crossing location. (DWR UCIP - omagana)12/19/2016 bad odor (sewage smell) coming from this area -- potential leak. Unable to confirm if riser on landward side is part of crossing. (DWR UCIP - omagana)

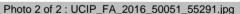
FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station] 18-inch concrete sewer main through the levee, 9.0 feet below the crown. Concrete cutoff wall around pipe located under waterside (WS) shoulder. 2-inch air release valve located on landside (LS) slope. Sewage pumping plant on LS. Rock revetment on WS slope. Crossing continues under the channel and through the opposite levee. (Permit No. 2805, 1961 - Sacramento County Sanitation District No. 2) [Additional Reference(s): DWR Levee Log, 2002]

FS Date: 8/11/2016

LM Start	3.88	Rating **	U	Issue No.	773 (cont)
LM End	3.88	Issue Type +	En	Location *	CR



View of levee crown section near highway.





View of waterward side.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	3.89	Rating **	М	Issue No.		755	
LM End	3.89	Issue Type +	En	Location *	CR		
Category			GPS Latitude/Longitude				
Calegory	Category					End	
Item	DWR UCIP Field Study			38.58647	79°	38.586479°	
пеш				-121.44757	74 °	-121.447574°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:29054 DS_ID:24337 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Unknown owner--Need to coordinate with DWR

Inspector and CVFPB.

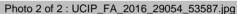
FIELD_STRUCT_DESC: 3-inch PVC conduit through levee, 2.0 feet

below the crown. FS Date: 12/13/2013

LM Start	3.89	Rating **	М	Issue No.	755 (cont)
LM End	3.89	Issue Type +	En	Location *	CR



Electrical conduit marker located on landward toe.





View of landward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	3.90	Rating **	U	Issue No.		8	
LM End	3.90	Issue Type +	En	Location *		LS	
0-1	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.5863	327°	38.586327°	
item				-121.447373° -121.447			
DWR ID DWR_NA0001_04_s _ 2012_8							
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Bamboo privacy fence within 10-ft of the landside toe obstructs visibility.							

LM Start	3.90	Rating **	U	Issue No.	8 (cont)
LM End	3.90	Issue Type +	En	Location *	LS

Photo 1 of 2 : FA_2016_NA0001_55_8_20160914_00009.jpg

03/16/2012 Wood privacy fence completely obstructs access and visibility.

Photo 2 of 2: FA_2016_NA0001_55_8_20160914_00010.jpg



Fall 2009 photo: Fence and landscaping within 10-ft of levee toe obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

		D-4: **		Innun NIn		•	
LM Start	3.92	Rating **	U	Issue No.		6	
LM End	3.92	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachments			38.5861	54°	38.586154°	
пеш				-121.4471	15°	-121.447115 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_6				
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Privacy fence within 10-ft of the landside toe obstructs visibility. 04/14/2011 Landscaping has been removed.							



04/14/2011 Landscaping, which was a Fall inspection issue has been removed, however wooden fence is still obstructing access and visibility.

LM Start	3.93	Rating **	U	Issue No.		9	
LM End	3.93	Issue Type +	En	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Category	Calegory					End	
Item	Encroachments			38.586047°		38.586047°	
item				-121.4469	75°	-121.446975 °	
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_9						
	Comment Code						
FE : Fence)						

Inspector Comment

Wooden privacy fence on the levee slope obstructs access and visiblity.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LNA Ctart	3.97	Rating **	U	Issue No.		11	
LM Start	3.91	rating	U	13306 140.		11	
LM End	3.97	Issue Type +	En	Location *		LS	
Cotagon/ Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachments			38.585639°		38.585639°	
item				-121.4464	51 °	-121.446451 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_11				
Comment Code							
FE : Fence							

Inspector Comment

Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	3.98	Rating **	U	Issue No.	12		
LM End	3.98	Issue Type +	En	Location *	LS		
Category	evee	GPS La	tituc	le/Longitude			
Category	Category					End	
Item	Encroach	ments		38.5854	96°	38.585496°	
пеш	tem				09°	-121.446309°	
DWR ID DWR_NA0001_04_s _ 2012_12							
Comment Code							

FE : Fence

Inspector Comment

Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_12_20160914_00013.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	3.99	Rating **	U	Issue No.		112	
LM End	3.99	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.5853	85°	38.585385°	
item				-121.446168°		-121.446168°	
DWR ID	DWR_NA0	001_04_s _ 201	2_112				
		Comn	nent Cod	de			
V6 : Lands	caping						
		Inspecto	or Comm	nent			
Landscaping completely blocks visibility.							



03/16/2012 Landscape obstructs visibility and access.

LM Start	4.00	Rating **	U	Issue No.		13
LM End	4.00	Issue Type +	En	Location *		LS
Category	Cotoroni Earthen Levee					le/Longitude
Calegory			Start		End	
Item	Encroach	ments		38.5853	25 °	38.585325 °
пеш				-121.4460	59°	-121.446059°
DWR ID	DWR_NA0	001_04_s _ 201	2_13			

Comment Code

FE: Fence

Inspector Comment

Pink cement block fence obstructs access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_13_20160914_00014.jpg



03/16/2012 Concrete wall obstructs access and visibility.

LM Start	4.02	Rating **	U	Issue No.		14	
LM End	4.02	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS Latitude/Longitud			
Calegory				Start		End	
Item	Encroach	ments		38.58517	'5 °	38.585175°	
item				-121.44588	3°	-121.445883°	
DWR ID	VR ID DWR_NA0001_04_s _ 2012_14						
	Comment Code						

FE : Fence

Inspector Comment

Privacy fence and helix pencil shrubs planted within 10-ft of the levee toe obstruct access and visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.03	Rating **	U	Issue No.		15		
LM End	4.03	Issue Type +	En	Location *		LS		
Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroachi	ments		38.5850	21 °	38.585021 °		
пеш				-121.4456	78°	-121.445678 °		
DWR ID DWR_NA0001_04_s _ 2012_15								
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Privacy fence and evergreen shrub landscaping within 10-ft of the levee toe obstruct access and visibility.								



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.04	Rating **	U	Issue No.		16			
LM End	4.04	Issue Type +	En	Location *		LS			
Category	Earthen L	evee		GPS Latitude/Longitude					
Calegory			Start Er			End			
Item	Encroachments			38.5848	85°	38.584885°			
item				-121.4455	20°	-121.445520°			
DWR ID	DWR_NA0	001_04_s _ 201	2_16						
	Comment Code								
FE : Fence									

Inspector Comment

Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.05	Rating **	U	Issue No.		17	
LM End	4.05	Issue Type +	En	Location *	LS		
Category Earthen Levee			GPS La	atitud	e/Longitude		
Calegory				Start		End	
Item	Encroachments			38.5848	810°	38.584810°	
пеш				-121.445403 ° -		-121.445403°	
DWR ID	DWR_NA0	001_04_s _ 201	2_17				
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Privacy fence and maple tree landscaping within 10-ft of the levee toe obstruct access and visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.06	Rating **	U	Issue No.	18			
LM End	4.06	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS La	atitud	e/Longitude		
Category			Start		End			
Item	Encroachments			38.5846	94°	38.584694°		
item					:55°	-121.445255 °		
DWR ID	DWR_NA0	001_04_s _ 201	2_18			·		
		Comn	nent Cod	de				
FE : Fence)							
Inspector Comment								
Wooden fe	Wooden fence between orange trees is within 10-ft of the levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.09	Rating **	U	Issue No.		19	
LM End	4.09	Issue Type +	En	Location *		LS	
Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End	
Item	Encroachi	ncroachments			59°	38.584459°	
пеш				-121.4449	51 °	-121.444951 °	
DWR ID DWR_NA0001_04_s _ 2012_19							
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Privacy fence within 10-ft of the levee toe obstruct access and visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.10	Rating **	М	Issue No.	186		
LM End	4.10	Issue Type +	En	Location *	LS		
Category	Category Earthen Levee			GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.5843	54°	38.584354°	
пеш				-121.4447	92°	-121.444792°	
DWR ID DWR_NA0001_04_s _ 2012_186							
Comment Code							

V6: Landscaping

Inspector Comment

Landscaping on cyclone fence within 10-ft of levee toe obstructs access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_186_20160914_00160.jpg



Fall 2009 photo: Landscaping within 10-ft of levee toe obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.11	Rating **	U	Issue No.	20		
LM End	4.11	Issue Type +	En	Location *	LS		
Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End	
Item	Encroachments			38.5842	43°	38.584243 °	
item				-121.444647 °		-121.444647°	
DWR ID DWR_NA0001_04_s _ 2012_20							
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Privacy fence and shed within 10-ft of the levee toe obstruct access and visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.12	Rating **	U	Issue No.	21		
LM End	4.12	Issue Type +	En	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category	ыу			Start		End	
Item	Vegetation			38.5841	29°	38.584129°	
item				-121.4444	85 °	-121.444485 °	
DWR ID	R ID DWR_NA0001_04_s _ 2012_21						
Comment Code							

V6 : Landscaping

Inspector Comment

Palms and other landscaping on levee slope, as well as the wooden privacy fence within 10-ft of the levee toe obstruct access and visibility. 04/14/2011 Palms have been removed.

Photo 1 of 1 : FA_2016_NA0001_55_21_20160914_00022.jpg



04/14/2011 Palms have been removed.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.13	Rating **	U	Issue No.		22		
LM End	4.13	Issue Type +	En	Location *	LS			
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory	itegory			Start		End		
Item	Encroach	Encroachments			34 °	38.584034°		
пеш				-121.4443	22 °	-121.444322°		
DWR ID	DWR_NA0001_04_s _ 2012_22							
	Comment Code							

FE : Fence

Inspector Comment

Cement block and wooden fence as well as the landscape planting are within 10-ft of the levee slope and obstruct access and visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.14	Rating **	U	Issue No.	23			
LM End	4.14	Issue Type +	En	Location *	LS			
Category Earthen Levee			GPS Latitude/Longitude					
Category			Start		End			
Item	Encroachments		38.58393	35°	38.583935°			
пеш				-121.4441	50°	-121.444150 °		
DWR ID	DWR_NA0001_04_s _ 2012_23							
	Comment Code							

FE : Fence

Inspector Comment

Cement block and wooden fence obstruct visibility.

Photo 1 of 1 : FA_2016_NA0001_55_23_20160914_00024.jpg



03/16/2012 Wooden fence on cement wall obstructs access and visibility.

LM Start	4.15	Rating **	М	Issue No.	187		
LM End	4.15	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS Latitude/Longitude			
Category			Start		End		
Item	Vegetatio	n		38.58385	58°	38.583858 °	
пеш				-121.44398	31 °	-121.443981 °	
DWR ID	ID DWR_NA0001_04_s _ 2012_187						
	Comment Code						

V6: Landscaping

Inspector Comment

Orange, guava and other trees and landscaping obstruct access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_187_20160914_00161.jpg



View of the obstructing vegetation at levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.16	Rating **	M	Issue No.		188			
LM End	4.16	Issue Type +	En	Location *		LS			
Earthen Levee				GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Encroach	ments	38.583749°		38.583749°				
пеш				-121.443820 °		-121.443820°			
DWR ID	DWR_NA0	001_04_s _ 201	2_188						
		Comn	nent Coc	de					
FE : Fence)								
	Inspector Comment								
	Cement block fence with iron top built into levee slope. Landscaping								

No Photos

Rating ** Issue No. 4.18 Μ 189 LM Start Issue Type + En Location * LS LM End 4.18 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.583652° 38.583652° -121.443640° -121.443640° DWR ID DWR_NA0001_04_s _ 2012_189 Comment Code

V6: Landscaping

Inspector Comment

Retaining wall is built into the levee slope. Steps, rail and landscaping on the levee slope.

No Photos

LM Start	4.19	Rating **	U	Issue No.		190	
LM End	4.19	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetation		38.583559°		38.583559	0	
item				-121.4434	85 °	-121.443485	٥
DWR ID	DWR_NA0	001_04_s _ 201	2_190				
		Comn	nent Cod	de			

V6: Landscaping

Inspector Comment

Planter boxes built into levee slope. Wooden fence obstructs visibility. Pool is just outside 10-ft from levee toe.

Photo 1 of 1: FA_2016_NA0001_55_190_20160914_00162.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.21	Rating **	U	Issue No.		191
LIVI Start	4.21	rtating		10000 110.		131
LM End	4.21	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Itom	ltem Encroachments			38.583355°		38.583355°
пеш				-121.443123°		-121.443123°
DWR ID	DWR_NA0	001_04_s _ 201	2_191			
		Comn	nent Cod	de		
FE : Fence	e					
Inspector Comment						
Wooden p visibility.	rivacy fend	e within 10-ft	of the le	vee toe obs	struc	t access and



03/16/2012 Wood privacy fence completely obstructs access and visibility.

	1					
LM Start	4.22	Rating **	U	Issue No.		24
LM End	4.22	Issue Type +	En	Location *		LS
Category	evee	GPS La	atitud	le/Longitude		
Category				Start		End
Item	Encroachments			38.5832	65°	38.583265 °
item			-121.442965 °		-121.442965 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_24			
		Comn	nent Cod	de		
FE : Fence)					
Inspector Comment						
Wooden privacy fence obstructs visibility. Retaining wall built into levee toe. 04/14/2011 retaining wall removed.						



04/14/2011 Retaining wall has been removed. Wooden fence remains and is obstructing access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.25	Rating **	U	Issue No.	192		
LM End	4.25	Issue Type +	En	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	alegory			Start		End	
Item	Vegetatio	n		38.58303	31 °	38.583031 °	
пеш				-121.44262	20°	-121.442620°	
DWR ID DWR_NA0001_04_s _ 2012_192							
	Comment Code						

V6 : Landscaping

Inspector Comment

Ivy and vine growth on cyclone fence obstruct visibility. Steps and landscaping built up levee slope.

Photo 1 of 1: FA_2016_NA0001_55_192_20160914_00164.jpg



03/16/2012 Landscaping on fence obstructs visibility and access.

LM Start	4.27	Rating **	М	Issue No.		193	
LM End	4.27	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetatio	n		38.582824°		38.582824°	
пеш				-121.4422	98°	-121.442298°	
DWR ID DWR_NA0001_04_s _ 2012_193						·	
Comment Code							

V6: Landscaping

Inspector Comment

Landscaping on chain link fence partially obstructs visibility.

No Photos

LM Start	4.28	Rating **	М	Issue No.		194	
LM End	4.28	Issue Type +	En	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
ltem Encroachments			38.5827	16°	38.582716	٥	
item				-121.4421	28°	-121.442128	٥
DWR ID	DWR_NA0	001_04_s _ 201	2_194				
		Comn	nent Cod	le			

FE : Fence

Inspector Comment

Planting boxes built into levee slope. 04/14/2011 Planter boxes removed. Chainlink fence partially obstructs access.

Photo 1 of 1: FA_2016_NA0001_55_194_20160914_00165.jpg



04/14/2011 Planter boxes have been removed. Chainlink fence partially blocks access.

* Location + Issue Type LS: Land Side Ma: Maintenance Deficiancy N/A: Not Applicable : Acceptable : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence A/W : Acceptable but Monitor & Maintain U : Unacceptable En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.31	Rating **	U	Issue No.		26
LM End	4.31	Issue Type +	En	Location *		LS
Category Earthen Levee				GPS La	titud	le/Longitude
Calegory			Start		End	
Item	Encroachments			38.58247	79°	38.582479°
item			-121.441768°		-121.441768°	
DWR ID	DWR_NA0	001_04_s _ 201	2_26			
		Comn	nent Cod	de		
FE : Fence)					
		Inspecto	or Comm	nent		
Wooden fence within 10-ft of the levee toe. Garden and ramp built on levee slope.						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.32	Rating **	М	Issue No.		195	
LM End	4.32	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Encroach	ments		38.582333°		38.582333°	
пеш				-121.4415	06°	-121.441506°	
DWR ID DWR_NA0001_04_s _ 2012_195							
Comment Code							

FE : Fence

Inspector Comment

Landscaping planted on levee slope. 04/14/2011 Landscaping removed, chainlink fence remains.

Photo 1 of 1: FA_2016_NA0001_55_195_20160914_00166.jpg



04/14/2011 Landscape removed, chainlink fence remains.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.34	Rating **	U	Issue No.		27
LM End	4.34	Issue Type +	En	Location *		LS
Earthen Levee			GPS Latitude/Longitude			
Category		Start		End		
Item	Encroachments			38.5822	23 °	38.582223°
пеш				-121.4412	64 °	-121.441264°
DWR ID	DWR_NA0	001_04_s _ 201	2_27			
		Comn	nent Cod	de		
FE : Fence)					
		Inspecto	or Comm	nent		
Wooden privacy fence obstructs visibility.						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.35	Rating **	U	Issue No.		28	
LM End	4.35	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Odlogory				Start		End	
Item	Encroachments			38.5821	86°	38.582186°	
itom				-121.441160 °		-121.441160 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_28				
		Comn	nent Cod	de			
FE : Fence	Э						
		Inspecto	or Comm	nent			
Cement block fence obstructs access and visibility.							



03/16/2012 Cinder block wall obstructs visibility and access.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.36	Rating **	М	Issue No.		29	
LM End	4.36	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	ategory					End	
Item	Encroach	ments		38.582083 °		38.582083°	
пеш				-121.440875 °		-121.440875 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_29				
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
	Large flowering bush on levee slope - removed by ARFCD 2012.						

Large flowering bush on levee slope - removed by ARFCD 2012. Retaiining wall removed by ARFCD 2012. Wooden fence located at the levee toe obstructs access and visibility. 04/14/2011



03/16/2012 Flowering bush is dormant, landscaping on levee slope and wooden privacy fence.

LM Start	4.39	Rating **	М	Issue No.		196
LM End	4.39	Issue Type +	En	Location *		LS
Category Earthen Levee				GPS La	atitud	e/Longitude
Category		Start		End		
Item	Encroach	ments		38.581937°		38.581937°
item				-121.440479 °		-121.440479°
DWR ID	DWR_NA0	001_04_s _ 201	2_196			
		Comn	nent Cod	de		
FE : Fence)					
Inspector Comment						
Picket fend	Picket fence on retaining wall within 10-ft of levee slope obstructs					

No Photos

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.41	Rating **	U	Issue No.		198	
LM End	4.41	Issue Type +	En	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachments			38.581788 °		38.581788°	
item				-121.4400	86°	-121.440086°	
DWR ID	DWR_NA0	001_04_s _ 201	2_198				
Comment Code							
FE : Fence)						

Inspector Comment

Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.42	Rating **	U	Issue No.		30	
LM End	4.42	Issue Type +	En	Location *		LS	
Category	Category Earthen Levee				GPS Latitude/Longitude		
Calegory						End	
Item	Encroach	ments		38.5817	24°	38.581724°	
item			-121.4398	91 °	-121.439891 °		
DWR ID DWR_NA0001_04_s _ 2012_30					·		
	Comment Code						

FE : Fence

Inspector Comment

Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_30_20160914_00030.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.45	Rating **	М	Issue No.		241	
LM End	4.45	Issue Type +	En	Location *		LS	
Category	Cotogon/ Earthen Levee					e/Longitude	
Calegory	Category					End	
Item	Encroachments				94°	38.581594	0
пеш				-121.439459 °		-121.439459	0
DWR ID	DWR_NA0	001_04_s _ 201	6_241				
		Comn	nent Coc	de			
FE : Fence)						
		Inspecto	or Comm	nent			

No Photos

LM Start	4.47	Rating **	U	Issue No.		31	
LM End	4.47	Issue Type +	En	Location *		LS	
Category	Earthen L	arthen Levee			GPS Latitude/Longitude		
Calegory				Start		End	
Item	Encroach	ments		38.5814	95°	38.581495	0
пеш				-121.4391	29°	-121.439129	0
DWR ID	DWR_NA0	001_04_s _ 201	2_31				
		Comn	nent Coc	la			

FE : Fence

Inspector Comment

Privacy fence within 10-ft of the levee toe obstructs access and visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.50	Rating **	М	Issue No.		33	
LM End	4.50	Issue Type +	En	Location *		LS	
Category	Earthen L	evee	GPS Latitude/Longitude				
Category				Start		End	
Item	Vegetatio	n		38.581359°		38.581359	0
item				-121.4385	24°	-121.438524	0
DWR ID	DWR_NA0	001_04_s _ 201	2_33				
		Comn	nent Cod	de			
VA · Lands	caning						

Inspector Comment

Large photinia obstructs visibility.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.51	Rating **	М	Issue No.		253
LM End	4.51	Issue Type +	Ма	Location *		WS
Category	evee	GPS La	atitud	le/Longitude		
Category				Start		End
Item	Vegetation				20°	38.581320°
пеш				-121.4382	63°	-121.438263 °
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_253					
		Comn	nent Cod	de		
V4 : Elderk	perries are	blocking visib	ility and	flood fight of	capa	ability.
			•			
Inspector Comment						

No Photos

LM Start	4.52	Rating **	М	Issue No.		34	
LM End	4.52	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	ategory			Start		End	
Item	Vegetation			38.58128	32°	38.581282 °	
item				-121.43810	69°	-121.438169°	
DWR ID	WR ID DWR_NA0001_04_s _ 2012_34						
Comment Code							
\/C . I = = =l=	!						

No Photos

V6: Landscaping

Inspector Comment

Landscaping on levee slope obstructs visibility.

LM Start	4.53	Rating **	U	Issue No.	35		
LM End	4.53	Issue Type +	En	Location *	LS		
Category	evee		GPS Latitude/Longitude				
Calegory			Start		End		
Item	Encroach	ments		38.58124	16°	38.581246°	
пеш				-121.43803	33°	-121.438033 °	
DWR ID DWR_NA0001_04_s _ 2012_35							
	Comment Code						

FE : Fence

Inspector Comment

Wooden fence within 10-ft of the levee toe obstructs access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_35_20160914_00032.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.54	Rating **	U	Issue No.		199
LM End	4.54	Issue Type +	En	Location *	LS	
Earthen Levee				GPS La	atitud	e/Longitude
Category				Start		End
Item	Encroachi	ments		38.5812	05°	38.581205°
пеш				-121.437830 °		-121.437830 °
DWR ID	DWR_NA0	001_04_s _ 201	2_199			
		Comn	nent Cod	de		
FE : Fence)					
Inspector Comment						
Wooden fe	ence is with	nin 10-ft of the	e levee to	oe.		



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.55	Rating **	U	Issue No.		200	
LM End	4.55	Issue Type +	En	Location *		LS	
Category	evee		GPS La	atitud	le/Longitude		
Category			Start		End		
Item	Encroach	ments		38.581178°		° 38.581178°	
пеш	-121.437584 ° -121.437584 °						
DWR ID	DWR_NA0	001_04_s _ 201	2_200				
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Privacy fence, persimmon tree and landscaping within 10-ft of the levee toe obstruct access and visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.57	Rating **	U	Issue No.		201
LM End	4.57	Issue Type +	En	Location *		LS
Cotogony	evee		GPS Latitude/Longitude			
Category				Start		End
Item	Encroach	ments		38.5811	55 °	38.581155°
item				-121.437320°		-121.437320°
DWR ID	DWR_NA0	001_04_s _ 201	2_201			
		Comn	nent Cod	de		
FE : Fence	Э					
		Inspecto	or Comm	nent		
Privacy fence within 10-ft of the levee toe obstruct access and visibility.						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.58	Rating **	М	Issue No.		36	
LM End	4.58	Issue Type +	En	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Category		Start		End			
Item	Encroach	ments		38.581153°		38.581153°	
item				-121.437079°		° -121.437079°	
DWR ID	DWR_NA0	001_04_s _ 201	2_36				
		Comn	nent Cod	de			
FE : Fence	Э						
	Inspector Comment						
Privacy fer	nce near p	ump station li	mits acc	ess and vis	ibility	/.	

No Photos

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.61	Rating **	М	Issue No.		761	_
LM End	4.61	Issue Type +	En	Location *		LS	
Category	Suppleme	ental		GPS Lati	tud	e/Longitude	
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.58110 ⁻	l °	38.581101	0
пеш				-121.436502	2°	-121.436502	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:31446 DS_ID:24808 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: New construction--need permit and details on

crossing.

FIELD_STRUCT_DESC: 1 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee. FS Date: 12/13/2013

LM Start	4.61	Rating **	М	Issue No.	761 (cont)
LM End	4.61	Issue Type +	En	Location *	LS



View of landward side.

Photo 2 of 2: UCIP_FA_2016_31446_57489.jpg



View of regraded levee crown with service boxes on waterward slope.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.61				762		
LM End	4.61	Issue Type +	En	Location *	LS		
Category	Suppleme	GPS La	titud	e/Longitude			
Calegory				Start		End	
Item	DWR UCI	DWR UCIP Field Study			92 °	38.581092	0
пеш				-121.43646	66°	-121.436466	0
DWR ID							
Comment Code							

Inspector Comment

FS_ID:31447 DS_ID:24809 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate

FIELD_STRUCT_DESC: 2 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee. FS Date: 12/13/2013

LM Start	4.61	Rating **	М	Issue No.	762 (cont)
LM End	4.61	Issue Type +	En	Location *	LS



View of landward side.

Photo 2 of 2: UCIP_FA_2016_31447_57492.jpg



View of levee crown at crossings.

NA0001

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.61	Rating **	М	Issue No.		763	
LM End	4.61	4.61 Issue Type + En		Location *		LS	
Category	Suppleme	ental		GPS La	titude	e/Longitude	
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.58108	37°	38.581087°	
пеш				-121.43644	19°	-121.436449°	
DWR ID							

Inspector Comment

Comment Code

FS_ID:31448 DS_ID:24810 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate

FIELD_STRUCT_DESC: 3 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.

FS Date: 12/13/2013

LM Start	4.61	Rating **	М	Issue No.	763 (cont)
LM End	4.61	Issue Type +	En	Location *	LS



View of landward side.

Photo 2 of 2: UCIP_FA_2016_31448_57495.jpg



View of levee crown.

NA0001

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.61	Rating **	М	Issue No.		764
LM End	4.61 Issue Type + En		Location *		LS	
Category	Suppleme	ental		GPS Lat	itud	e/Longitude
Calegory				Start		End
Item	DWR UCI	P Field Study		38.58108	2°	38.581082°
пеш				-121.43643	1 °	-121.436431 °
DWR ID						·

Inspector Comment

Comment Code

FS_ID:31449 DS_ID:24811 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossing penetrate

FIELD_STRUCT_DESC: 4 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee. FS Date: 12/13/2013

LM Start	4.61	Rating **	М	Issue No.	764 (cont)
LM End	4.61	Issue Type +	En	Location *	LS



View of landward side.

Photo 2 of 2: UCIP_FA_2016_31449_57498.jpg



View of levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.66	Rating **	М	Issue No.		37		
LM End	4.66	Issue Type +	En	Location *	LS			
Category	Earthen Levee			GPS Latitude/Longitude				
Category				Start		End		
Item	Vegetatio	n		38.5809	44 °	38.580944	0	
item				-121.435651 °		-121.435651	0	
DWR ID	DWR_NA0	001_04_s _ 201	2_37					
		Comn	nent Cod	de				
V6 : Lands	caping							
Inspector Comment								
Trees and vines on the levee toe obstruct visibility.								

No Photos

Rating ** Issue No. LM Start 4.68 Μ 38 Issue Type + En Location * LS LM End 4.68 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.580910° 38.580910° -121.435324 ° -121.435324° DWR ID DWR_NA0001_04_s _ 2012_38 Comment Code

No Photos

V6 : Landscaping

Inspector Comment

Landscape planting within 10-ft of the landside toe against 3-ft wooden slat fence.

	LM Start	4.70	Rating **	М	Issue No.		39	
	LM End	4.70	Issue Type +	En	Location *		LS	
	Category	Earthen L	evee	GPS Latitude/Longitude				
					Start		End	
	Item	Vegetation			38.5808	40°	38.580840	0
					-121.4349	01°	-121.434901	0
	DWR ID	DWR_NA0	001_04_s _ 201					
	Comment Code							

No Photos

V6: Landscaping

Inspector Comment

Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable AW: Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.72	Rating **	М	Issue No.		739	
LM End	4.72	Issue Type +	En	Location *	LS		
Category Earthen		evee		GPS La	atitud	e/Longitude	
Category			Start		End		
Encroachments Item			38.5807	78°	38.580778 °		
item				-121.4344	67°	-121.434467 °	
DWR ID DWR_NA0001_04_f _ 2016_739							
		Comn	nent Cod	de			
DE : Debri	S						
		Inspecto	or Comm	nent			
PVC pipe	and debris	, also noted in	USACE	PI.			

LM Start	4.72	Rating **	M	Issue No.	739 (cont)
LM End	4.72	Issue Type +	En	Location *	LS



View of the previously noted debris stored in the upstream corner of the property. Note extensive burrowing in the backyard on the downstream (right) corner of the property.

Photo 2 of 2: FA_2016_NA0001_55_739_20160914_00192.jpg



11/15/2011 Debris on levee side of fence. This item was noted in the USACE PI.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.73	Rating **	U	Issue No.		40		
LM End	4.73	Issue Type +	En	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory			Start		End			
ltem Encroachments			38.5807	'59 °	38.580759°			
item				-121.434294°		-121.434294°		
DWR ID	DWR_NA0	DWR_NA0001_04_s _ 2012_40						
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Privacy fence within 10-ft of the levee toe obstruct access and visibility.								



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.74	Rating **	М	Issue No.		41	
LM End	4.74	Issue Type +	En	Location *		LS	
Category	evee	GPS Latitude/Longitud					
Category				Start		End	
ltem	ltem Encroachments			38.5807	53°	38.580753°	
пеш				-121.4340	77°	-121.434077 °	
DWR ID	DWR_NA0001_04_s _ 2012_41						
Comment Code							

FE : Fence

Inspector Comment

Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.

No Photos

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.75	Rating **	U	Issue No.		42		
LM End	4.75	Issue Type +	En	Location * LS		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
ltem Encroachments			38.5807	'41 °	38.580741°			
			-121.433899°		-121.433899°			
DWR ID	DWR_NA0	001_04_s _ 201	2_42					
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Privacy fer	Privacy fence within 10-ft of the levee toe obstruct access and visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.78	Rating **	U	Issue No.	43	
LM End	4.78	Issue Type +	En	Location *		LS
Category	evee	GPS Latitude/Longitude				
Category				Start		End
Item	Encroachments			38.5807	31°	38.580731 °
item				-121.4334	90°	-121.433490°
DWR ID	DWR_NA0001_04_s _ 2012_43					
Comment Code						

FE : Fence

Inspector Comment

Privacy fence and storage sheds within 10-ft of the levee toe obstruct access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_43_20160914_00035.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.83	Rating **	U	Issue No.	205	
LM End	4.83	Issue Type +	En	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
				Start		End
Item	Encroach	ments		38.5807	23 °	38.580723 °
пеш				-121.4325	77°	-121.432577°
DWR ID	DWR_NA0	001_04_s _ 201	2_205			
Comment Code						

FE : Fence

Inspector Comment

Privacy fence and landscape prunings on levee slope and toe.prunings removed. Fence obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_205_20160914_00172.jpg



03/16/2012 Chainlink fence with privacy slats obstructs visibility and access.

LM Start	4.85	Rating **	М	Issue No.	44		
LM End	4.85	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Vegetatio	/egetation			۱7°	38.580747	0
пеш				-121.43203	89°	-121.432039	0
DWR ID	DWR_NA0						
	Comment Code						

V6: Landscaping

Inspector Comment

Lemon tree and vines obstruct visibility.

No Photos

LM Start	4.87	Rating **	U	Issue No.		206	
LM End	4.87	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Odlogory				Start		End	
Itom	vegetation Vegetation			38.5807	'78 °	38.580778	0
пеш				-121.431704°		-121.431704	0
DWR ID	DWR_NA0	001_04_s _ 201	2_206				
		Comn	nent Cod	de			
V6 : Lands	caping						
Inspector Comment							
Fig tree obstructs visibility and access.							



03/16/2012 Landscaping obstructs visibility and access.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	4.87	Rating **	U	Issue No.		96	
LM End	4.87	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		38.5807	'67 °	38.580767 °	
item				-121.431684°		° -121.431684°	
DWR ID	DWR_NA0	001_04_s _ 201	2_96				
		Comn	nent Cod	de			
BU : Buildi	ing						
		Inspecto	or Comm	nent			
Wooden shed is located beneath the fig tree.							



3/16/2012 Structure is within 15' of levee toe.

LM Start	4.90	Rating **	М	Issue No.		207	
LM End	4.90	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End			
Item	Vegetatio	n		38.5808	09°	38.580809°	
item				-121.4312	74°	-121.431274°	
DWR ID DWR_NA0001_04_s _ 2012_207						,	
Comment Code							

V6: Landscaping

Inspector Comment

Garden activities obstruct visibility within 10-ft of the levee toe.

No Photos

LM Start	4.93	Rating **	U	Issue No.	45		
LM End	4.93	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory			Start		End		
Item	Encroachments			38.5808	46°	38.580846 °	
item				-121.43069	99 °	-121.430699°	
DWR ID	DWR_NA0	001_04_s _ 201	2_45				
		Comn	nent Cod	le			
FE : Fence	FE : Fence						
	Inspector Comment						

Wooden fence with bracing obstructs access and visibility.



Wooden fence and braces obstruct access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
N : Not Inspected/Rated
M : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

** Rating
A : Acceptable
C : Corrected
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

		D // ++				
LM Start	5.08	Rating **	U	Issue No.		46
LM End	5.08	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Encroachi		38.5810	01 °	38.581001 °	
пеш				-121.4278	54°	-121.427854°
DWR ID	DWR_NA0	001_04_s _ 201	2_46			
		Comn	nent Cod	de		
FE : Fence)					
Inspector Comment						
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.						

Photo 1 of 1: FA_2016_NA0001_55_46_20160914_00037.jpg

03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.12	Rating **	U	Issue No.		208
LM End	5.12	Issue Type +	En	Location *	LS	
Category	Earthen Levee					e/Longitude
Calegory				Start		End
Item	Encroach	ments		38.5809	13°	38.580913°
пеш				-121.4271	19°	-121.427119°
DWR ID	DWR_NA0001_04_s _ 2012_208					
Comment Code						

FE : Fence

Inspector Comment

Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_208_20160914_00174.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

		D (1) ++		1 N1 .			
LM Start	5.15	Rating **	М	Issue No.		47	
LM End	5.15	Issue Type +	En	Location *		LS	
Category	evee	GPS La	atitud	e/Longitude			
Calegory	gory					End	
Item	Encroachments			38.580773 °		38.580773°	
item				-121.4266	91°	-121.426691 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_47				
Comment Code							
FE : Fence							

Inspector Comment

Chain link fence, helix sky pencil, and landscaping within 10-ft of the levee toe obstruct access and visibility.



View of the fence and vegetation at the landside levee toe.

LM Start	5.17	Rating **	U	Issue No.		48	
LM End	5.17	Issue Type +	En	Location *		LS	
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory			Start		End		
Item	Encroach	ments		38.5806	22°	38.580622°	
пеш				-121.4263	72°	-121.426372°	
DWR ID	DWR_NA0001_04_s _ 2012_48						

Comment Code

FE: Fence

Inspector Comment

Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	5.44	Rating **	Issue No.		49			
LM End	5.44	Issue Type +	En	Location *	LS			
Category	evee	GPS La	atitud	le/Longitude				
Calegory				Start		End		
Item	Encroachi	ments		38.5775	89°	38.577589°		
item				-121.4233	50°	-121.423350 °		
DWR ID DWR_NA0001_04_s _ 2012_49								
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Wood privacy fence within 10-ft of the levee toe obstruct access and visibility.								



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.49 Rating ** M		Issue No.		209		
LM End	5.49	Issue Type +	En	Location *		LS	
Category	Earthen L	evee	GPS La	titud	e/Longitude		
Calegory				Start		End	
Item	Vegetatio	n		38.5768	83 °	38.576883	
пеш	item					-121.423216	
DWR ID DWR_NA0001_04_s _ 2012_209							
		Comn	nent Cod	de			

V6: Landscaping

Inspector Comment

Oleanders within 10-ft of the levee toe obstruct access and visibility.

No Photos

LM Start	5.56	Rating **	U	Issue No.		197		
LM End	5.56	Issue Type +	En	Location *		LS		
Category	Catagory Earthen Levee				atitud	e/Longitude		
Category				Start		End		
Item	Encroachi	ments		38.5758	87°	38.575887 °		
item				-121.4231	13°	-121.423113 °		
DWR ID	DWR_NA0	001_04_s _ 201	3_197					
		Comn	nent Cod	de				
ST : Stairv	vay							
		Inspecto	or Comm	nent				
Unpermitte	Unpermitted stairs to be removed by ARFCD.							



View of the stairs on the landside levee slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	5.60	Rating **	U	Issue No.		52		
LM End	5.60	Issue Type +	En	Location *	LS			
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	Vegetatio	n		38.5753	79°	38.575379°		
item			-121.4232	01 °	-121.423201 °			
DWR ID	DWR_NA0	001_04_s _ 201	2_52			·		
		Comn	nent Cod	de				
V6 : Lands	caping							
		Inspecto	or Comm	nent				
Helix sky pencil trees within 10-ft of the levee toe obstruct visibility and access.								

Photo 1 of 1	: FA_	_2016_	_NA0001	_55_	_52_	_20160914_	_00042.jp	g
4				X				
		5.0						
		46						
							PA.	
V								
				A A S				

03/16/2012 Landscaping obstructs visibility and access.

LM Start	5.61	Rating **	U	Issue No.	53		
LM End	5.61	Issue Type +	En	Location *	LS		
Category	Earthen L	evee	GPS La	tituc	le/Longitude		
Calegory			Start		End		
Item	Vegetatio	n		38.57525	50°	38.575250°	
item				-121.42324	10°	-121.423240°	
DWR ID DWR_NA0001_04_s _ 2012_53							
Comment Code							

V6: Landscaping

Inspector Comment

Wood privacy fence, helix sky pencil, vines and landscaping within 10-ft of the levee toe obstruct access and visibility. Cement stairs up levee slope.

Photo 1 of 1 : FA_2016_NA0001_55_53_20160914_00043.jpg



03/16/2012 Landscaping and fence obstruct visibility and access.

LM Start	5.62	Rating **	U	Issue No.	54		
LM End	5.62	Issue Type +	En	Location *	LS		
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start		End	
Item	Encroach	ments		38.57509	3°	38.575093°	
item				-121.42326	i3°	-121.423263°	
DWR ID	DWR_NA0001_04_s _ 2012_54						
Comment Code							

FE : Fence

Inspector Comment

Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_54_20160914_00044.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	5.63	Rating **	U	Issue No.		55	
LM End	5.63	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Encroach	ments		38.5748	37°	38.574837°	
пеш				-121.423297 °		-121.423297°	
DWR ID	DWR_NA0001_04_s _ 2012_55				·		
Comment Code							
FE : Fence							
Inspector Comment							
Wood privacy fence within 10-ft of the levee toe obstructs visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.65	Rating **	U	Issue No.		56		
LM End	5.65	Issue Type +	En	Location *	LS			
Category	Earthen Levee			GPS Latitude/Longitude				
Category			Start		End			
Encroachments				38.5746	648°	38.574648 °		
пеш				-121.423348°		-121.423348 °		
DWR ID	DWR_NA0001_04_s _ 2012_56							
	Comment Code							
BU : Building								
Inspector Comment								
Cement block building on levee slope obstructs access.								



03/16/2012 Structure within 15' of levee toe.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	5.70	Rating **	U	Issue No.		57
LM End	5.70	Issue Type +	En	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Encroach	ments	38.573927°		38.573927°	
пеш				-121.4234	80°	-121.423480 °
DWR ID	DWR_NA0001_04_s _ 2012_57					
Comment Code						
FE : Fence						
Inspector Comment						
Wood privacy fence with ivy obstructs visibility.						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.72	Rating **	М	Issue No.		58	
LM End	5.72	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End	
Item	Vegetation			38.5735	47°	38.573547°	
пеш	lem				83 °	-121.423583 °	
DWR ID	DWR_NA0001_04_s _ 2012_58						
Comment Code							

V6: Landscaping

Inspector Comment

Garden built on levee slope.

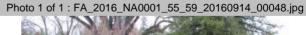
No Photos

LM Start	5.73	Rating **	U	Issue No.		59	
LM End	5.73	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachments			38.5734	03°	38.573403	0
пеш				-121.4236	42 °	-121.423642	0
DWR ID	DWR_NA0001_04_s _ 2012_59						
Comment Code							

FE : Fence

Inspector Comment

Brick fence and landscaping within 10-ft of the levee toe obstructs access and visibility.





03/16/2012 Fence and landscaping obstruct visibility and access.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

		Ti .				
LM Start	5.77	Rating **	U	Issue No.		61
LM End	5.77	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	/egetation			18°	38.572918°
пеш			-121.4237	'60°	-121.423760 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_61			
		Comn	nent Cod	de		
V6 : Lands	caping					
		Inspecto	or Comm	nent		
Dense ivy	and shrub	s are within 10	O-ft of the	e levee toe.		



03/16/2012 Landscaping obstructs access and visibility.

LM Start	5.78	Rating **	М	Issue No.		62	
LM End	5.78	Issue Type +	En	Location *	LS		
Catagoria Earthen Levee			GPS La	tituc	le/Longitude		
Category	egory			Start		End	
Item	Vegetatio	n		38.5727	48 °	38.572748°	
item				-121.4238	18°	-121.423818°	
DWR ID DWR_NA0001_04_s _ 2012_62							
Comment Code							

V6: Landscaping

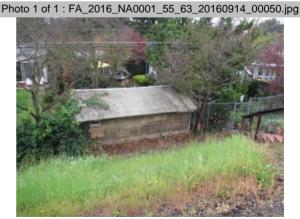
Inspector Comment

Citrus tree and slope landscaping obstructs visibility.

No Photos

LM Start	5.81	Rating **	U	Issue No.	63					
LM End	5.81	Issue Type +	En	Location *	LS					
Catagory	Earthen L	evee		GPS La	atitud	e/Longitude				
Category			Start		End					
Item	Encroachments			38.5723	25°	38.572325 °				
item				-121.4239	13°	-121.423913°				
DWR ID	DWR_NA0	001_04_s _ 201	2_63							
		Comn	nent Coo	le						
BU : Buildi	BU : Building									
		Inspecto	Inspector Comment							

Wood and fiberglass structure within 10-ft of the levee toe.



03/16/2012 Wood and fiberglass structure is within 15' of levee toe.

* Location + Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence LS: Land Side N/A: Not Applicable A : Acceptable M : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected A/W : Acceptable but Monitor & Maintain U : Unacceptable En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	5.82	Rating **	М	Issue No.		64
LM End	5.82	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	egetation			07°	38.572207°
пеш						-121.423933 °
DWR ID	DWR_NA0	001_04_s _ 201	2_64			
		Comn	nent Coc	de		
V6 : Lands	caping					
		Inspecto	or Comm	nent		
Dense shr	ubs on leve	ee toe.				

No Photos

LM Start	5.83	Rating **	U	Issue No.		65	
LM End	5.83	Issue Type +	En	Location *		LS	
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Encroach	ments		38.57206	7°	38.572067	0
пеш				-121.42397	0°	-121.423970	0
DWR ID DWR_NA0001_04_s _ 2012_65							
		_	. ^				

Comment Code

FE: Fence

Inspector Comment

Extended privacy fence and retaining wall within 10-ft of levee toe.



Photo 1 of 1: FA_2016_NA0001_55_65_20160914_00051.jpg

03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM	Start	5.83	Rating **	С	Issue No.		181	
LM	End	5.83	Issue Type +	Ма	Location *		LS	
Cat	egory	Earthen L	evee		GPS La	atitud	e/Longitude	
Call	egory				Start		End	
14.	em	Trim / Thi	n Trees		38.5720	32 °	38.572032	0
10	CIII				-121.4239	81 °	-121.423981	0
DW	/R ID	DWR_NA0	001_04_s _ 201	2_181				
			Comm	nent Cod	le			

T5: Tree stumps.

Inspector Comment

04/14/2011 Large stump at toe of levee. Stump removed.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

1					
5.85	Rating **	U	Issue No.		210
5.85	Issue Type +	En	Location *		LS
Earthen L	evee		GPS La	atitud	e/Longitude
			Start		End
Encroachi	Encroachments			'33 °	38.571733°
				55°	-121.424055 °
DWR_NA0001_04_s _ 2012_210					
	Comn	nent Cod	de		
)					
	Inspecto	or Comm	nent		
Privacy fence and retaining wall are within 10-ft of levee toe.					
	5.85 Earthen L Encroachi DWR_NA0	5.85 Issue Type + Earthen Levee Encroachments DWR_NA0001_04_s _ 201	5.85 Issue Type + En Earthen Levee Encroachments DWR_NA0001_04_s _ 2012_210 Comment Coc	5.85 Issue Type + En Location *	5.85 Issue Type + En Location * Earthen Levee GPS Latitud Start Encroachments 38.571733 ° -121.424055 ° DWR_NA0001_04_s _ 2012_210 Comment Code Inspector Comment



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.86	Rating **	U	Issue No.		66	
LM End	5.86	Issue Type +	En	Location *		LS	
Category Earthen Levee			GPS La	atitud	le/Longitude		
Calegory				Start		End	
Item	Encroachments			38.5715	86°	38.571586°	
item			-121.424097 ° -121			-121.424097°	
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_66						
		Comn	nent Cod	de			
BU : Build	ing						
		Inspecto	or Comm	nent			



03/16/2012 Structure is within 15' of levee toe.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

IJ							
U	Issue No.		68				
n	Location *		LS				
	GPS La	titud	e/Longitude				
	38.5715	25 °	38.571525°				
Item			-121.424152°				
DWR ID DWR_NA0001_04_f _ 2013_68							
t Coc	de						
Inspector Comment							
Levee slope has been landscaped. This obstructs visibility.							
t	Coc	GPS La Start 38.5715. -121.4241: Code	GPS Latitud Start 38.571525 ° -121.424152 ° Code				



Levee slope is heavily landscaped, retaining wall has been constructed at the levee toe.

LM Start	5.88	Rating **	U	Issue No.		70	
LM End	5.88	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.5712	69°	38.571269°	
пеш					67°	-121.424167°	
DWR ID	DWR_NA0	001_04_s _ 201	2_70				
		Comn	nent Cod	de			
V6 : Lands	scaping						
		Inspecto	or Comm	nent			
Levee slope has been landscaped. This obstructs visibility.							



View of the vegetation on the landside levee slope.

LM Start	5.89	Rating **	С	Issue No.		69
LM End	5.89	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Category				Start		End
Item	Vegetatio	n		38.5712	243°	38.571243
item				-121.4241	67°	-121.424167
DWR ID	DWR_NA0	001_04_s _ 201	2_69			
		Comn	nent Cod	de		
V6 : Lands	caping					
			_			
		Inspecto	or Comm	nent		
		n landscaped d. Fall 2016.	. This ob	structs visi	bility	·. ————————————————————————————————————

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

			_					
LM Start	5.91	Rating **	С	Issue No.		740		
LM End	5.91	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.5709	40°	38.570940 °		
item				-121.424173 °		-121.424173 °		
DWR ID	DWR_NA0	001_04_s _ 201	2_740					
		Comn	nent Cod	de				
T5 : Tree s	stumps.							
Inspector Comment								
Stump removed.								

No Photos

LM Start	5.92	Rating **	С	Issue No.		741
LM End	5.92	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Trim / Thin Trees		38.5708	00°	38.570800°	
пеш				-121.4241	84°	-121.424184°
DWR ID	DWR_NA0	001_04_s _ 201	2_741			
		Comn	nent Cod	de		
T5 : Tree s	stumps.					

Inspector Comment

Stump removed.

No Photos

LM Start	5.92	Rating **	U	Issue No.		88		
LM End	5.92	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	ltem Encroachments			38.5707	52°	38.570752°		
item				-121.424219 °		-121.424219°		
DWR ID	DWR_NA0	001_04_f _ 201	2_88					
		Comn	nent Cod	de				
FE : Fence)							
Inspector Comment								
Wooden p	Wooden privacy fence.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

		D (' **						
LM Start	5.94	Rating **	М	Issue No.		71		
LM End	5.94	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetatio	n		38.5704	50°	38.570450 °		
Item			-121.424237 °		-121.424237°			
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_71							
		Comn	nent Cod	de				
V6 : Lands	caping							
		Inspecto	or Comm	nent				
Landscaping and garden within 10-ft of the levee toe.								



View of the landscaping at the landside levee toe.

LM Start	5.94	Rating **	U	Issue No.		72	
LM End	5.94	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	le/Longitude		
Category				Start E		End	
Item	Encroach	Encroachments			91°	38.570391°	
пеш				-121.4242	27°	-121.424227°	
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_72						
	Comment Code						

FE : Fence

Inspector Comment

Wood fence and landscaping within 10-ft of the levee toe obstructs visibility.

Photo 1 of 1 : FA_2016_NA0001_55_72_20160914_00056.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	5.98	Rating **	М	Issue No.		211		
LM End	5.98	Issue Type +	En	Location *	* LS			
Category	Earthen Levee				atitud	e/Longitude		
Calegory				Start		End		
Item	Encroach	ncroachments			93°	38.569893 °		
item				-121.424310 °		-121.424310 °		
DWR ID DWR_NA0001_04_s _ 2012_211								
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Inspector Comment Apartment complex privacy fence and shrubs within 10-ft of the slope obstruct visibility.								



View of the fence at the landside levee toe.

LM Start	6.21	Rating **	С	Issue No.		249	
LM End	6.21	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Animal Co	nimal Control			49°	38.566649°	
пеш				-121.4237	30°	-121.423730°	
DWR ID	DWR_NA0	001_04_f _ 201	5_249				
	Comment Code						

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled rodent holes.

No Photos

LM Start	6.24	Rating **	С	Issue No.		243
LM End	6.24	Issue Type +	Ma	Location *	LS	
Category	Earthen L	evee		GPS La	tituc	le/Longitude
Calegory				Start En		End
Item	Animal Co	ontrol	ntrol		25°	38.566225°
itein				-121.42355	cation * Li GPS Latitude/Long Start 38.566225 ° 38	-121.423554°
DWR ID DWR_NA0001_04_f _ 2015_243						
		Comn	nent Coc	le		

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled rodent holes.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	6.24	Rating **	М	Issue No.		164	
LM End	6.24	Issue Type +	Ma	Location *		LS	
Category	Earthen Levee			GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	getation			98°	38.566198°	
пеш		-121.423528° -121.4				-121.423528°	
DWR ID	DWR ID DWR_NA0001_04_f _ 2012_164						
		Comn	nent Coc	de			
V4 : Elderb	perries are	blocking visib	ility and	flood fight	сара	bility.	
		Inspecto	or Comm	nent			
Elderberry bush at levee toe.							

No Photos

LM Start	6.45	Rating **	N	Issue No.		238	
LM End	6.45	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thi	n Trees	38.5632	31°	38.563231 °		
пеш						-121.422404°	
DWR ID	DWR_NA0	001_04_f _ 201	5_238				
		Comn	nent Coc	le			
T5 : Tree stumps.							
		Inspecto	or Comm	ent			

Photo 1 of 1: FA_2016_NA0001_55_238_20161031_00248.jpg



View of the tree stump at the landside levee toe.

LM Start	6.49	Rating **	N	Issue No.		233
LM End	6.49	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee	GPS La	le/Longitude		
Calegory				Start		End
Item	Trim / Thin Trees		38.562659°		38.562659°	
item			Ma Location * GPS Latitude/ Start 38.562659 ° -121.422122 °	-121.422122°		
DWR ID	DWR_NA0	001_04_f _ 201	5_233			
		Comn	nent Coo	le		
T5 : Tree s	stumps.					

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

	_							
LM Start	6.58	Rating **	U	Issue No.		73		
LM End	6.58	Issue Type +	En	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
ltem Encroachments			38.5616	43 °	38.561643°			
пеш			-121.421262 °		-121.421262 °			
DWR ID	DWR_NA0	DWR_NA0001_04_s _ 2012_73						
Comment Code								
BU : Buildi	ng							
		Inspecto	or Comm	nent				
Generator	and sheds	within 10-ft c	f levee s	slope.				
,								



03/16/2012 Structure for generator is within 5' of levee toe.

Photo 1 of 1: FA_2016_NA0001_55_185_20160914_00159.jpg

LM Start	6.60	Rating **	М	Issue No.		185	
LM End	6.60	Issue Type +	En	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Encroachments			38.5614	48 °	38.561448 °		
item			-121.4210	71 °	-121.421071 °		
DWR ID	DWR_NA0001_04_f _ 2013_185						
Comment Code							

TA : Tank

Inspector Comment

5 water tanks and storage shed within 10 feet of landside levee toe.

11/18/2013	

View of the water tanks stored at the landside levee toe.

LM Start	6.62	Rating **	A/W	Issue No.		240	
LM End	6.65	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category			Start		End		
Animal Control			38.5611	21°	38.560883°		
item			-121.420766 °		-121.420514°		
DWR ID	DWR_NA0001_04_f _ 2014_240						
		Comn	nent Coo	le			
A1 : Extern	minate rod	ents and back	fill and c	compact or	grou	t burrows.	
			-				
		Inspecto	or Comm	ent			
LMA backf	illed the ro	dent burrows					



View of a rodent burrows at the landside levee toe.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	6.62	Rating **	М	Issue No.		51		
LM End	6.62	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Encroachments			38.5611	17°	38.561117°			
Item			-121.420749°		-121.420749°			
DWR ID	DWR_NA0001_04_f _ 2013_51							
Comment Code								
MA: Mate	rial							
		Inspecto	or Comm	nent				
Pipe and c	ther mater	rial stored with	nin 10 fe	et of landsid	de le	vee toe.		

Photo 1 of 1 : FA_2016_NA0001_55_51_20160914_00041.jpg

View of the material stored at the landside levee toe.

Rating ** Issue No. LM Start 6.77 Μ 752 Issue Type + Location * LS LM End 6.77 En Supplemental GPS Latitude/Longitude Category Start End DWR UCIP Field Study 38.559450° 38.559450° -121.418960 ° -121.418960 DWR ID

Comment Code

Inspector Comment

FS_ID:29975 DS_ID:24349 EP_NO: 16961

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No access available due to construction activitiesneed to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 1 of 2: 48-inch HDPE drainpipe through the levee, approximately 2.5 feet below the crown. Siphon breaker on shoulder. Outfall strucutre on waterside (WS). Rock revetment on WS

slope. (Permit No. 16961-2000)

FS Date: 12/11/2013

No Photos

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	6.78	Rating **	М	Issue No.		746
LM End	6.78	Issue Type +	En	Location *	LS	
Category				GPS Latitude/Longitude		
Calegory			Start		End	
ltom	DWR UCIP Field Study			38.55945	0 °	38.559450°
Item				-121.41896	0°	-121.418960°
DWR ID						
		_				

Comment Code

Inspector Comment

FS_ID:29969 DS_ID:24595 EP_NO: 16961

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No access available due to construction activities-need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 2 of 2: 48-inch HDPE drainpipe through the levee, approximately 2.5 feet below the crown. Siphon breaker on shoulder. Outfall strucutre on waterside (WS). Rock revetment on WS

slope. (Permit No. 16961-2000)

FS Date: 12/11/2013

LM Start	6.82	Rating **	М	Issue No.		140			
LM End	6.94	Issue Type +	En	Location *	WS				
Category Earthen Levee				GPS Latitude/Longitude					
Category			Start		End				
Item	Vegetation			38.5591	52°	38.558115°			
пеш				-121.4181	08°	-121.416328 °			
DWR ID	DWR_NA0001_04_f _ 2012_140								
	Comment Code								

Commen

V6: Landscaping

Inspector Comment

Bushes at waterside hinge obstruct visibility of waterside slope from levee crown.

No Photos

Photo 1 of 1: FA_2016_NA0001_55_140_20160914_00119.jpg



View of landscaping at waterside hinge obstructing visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	6.83	Rating **	М	Issue No.		747		
LM End	6.83	Issue Type +	En	Location *		WS		
Category	Suppleme	GPS Latitude/Longitude						
			Start		End			
Item	DWR UCIP Field Study			38.5589	60°	38.558960	0	
пеш		-121.4181	40 °	-121.418140	0			
DWR ID								
Comment Code								

No Photos

Inspector Comment

FS_ID:29970 DS_ID:24084 EP_NO: 17671

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No access available due to construction activitiesneed to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee at

unknown depth. (Permit No. 17671-2003)

FS Date: 12/11/2013

LM Start	6.83	Rating **	M	Issue No.		748		
LM End	6.83	Issue Type +	En	Location *		WS		
Category Supplemental				GPS Latitude/Longitude				
Category			Start		End			
Item	DWR UCIP Field Study			38.5589	60°	38.558960°		
item				-121.4181	40 °	-121.418140 °		
DWR ID						·		

No Photos

Comment Code Inspector Comment

FS_ID:29971 DS_ID:24596 EP_NO: 17671

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No access available due to construction activities-need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee at

unknown depth. (Permit No. 17671-2003)

FS Date: 12/11/2013

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	6.83	Rating **	М	Issue No.		749	
LM End	6.83	Issue Type +	En	Location *	WS		
Category			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.5590	11°	38.559011°	
пеш				-121.41807	79°	-121.418079°	
DWR ID							
	Comment Code						

No Photos

Inspector Comment

FS_ID:29972 DS_ID:24320 EP_NO: 12188

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No access available due to construction activities-need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (Permit No. 12188-1979)

FS Date: 12/11/2013

LM Start	6.89	Rating **	М	Issue No.		750	
LM End	6.89	Issue Type +	En	Location *	WS		
Category	Suppleme	ental		GPS La	S Latitude/Longitude		
Calegory	alegory					End	
Item	DWR UCI	P Field Study		38.5585	30°	38.558530°	
пеш				-121.4172	70°	-121.417270°	
DWR ID							

No Photos

Inspector Comment

Comment Code

FS_ID:29973 DS_ID:24342 EP_NO: 15357

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No access available due to construction activities-need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: [Sacramento American River Filtration Plant] 36-inch waste water line through the levee at crown elevation. A bridged conduit and influent structure across levee. Concrete basin on landside (LS) slope. Concrete structure for pumping plant in channel. Bridge access to structure. Chain-link fence around LS. Rock revetment on waterside (WS) slope. (Permit No. 3588-1963) Repairs to treatment plant and structure foundation under Permit No. 15357 (1991).

FS Date: 12/11/2013

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	6.99	Rating **	М	Issue No.		751		
LM End	6.99	Issue Type +	En	Location *		WS		
Category				GPS Latitude/Longitude				
Category	Category					End		
Item	DWR UCI	P Field Study		38.55810	00°	38.558100	0	
пеш				-121.41542	20°	-121.415420	0	
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:29974 DS_ID:24085 EP_NO: 17587

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: No access available due to construction activities-need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 54-inch water main through the levee. (Permit

No. 17587-2003) FS Date: 12/11/2013

LM Start	7.34	Rating **	М	Issue No.		756
LM End	7.34	Issue Type +	En	Location *		WS
Category Supplemental			GPS Latitude/Longitude			
Category				Start		End
Item	DWR UCI	P Field Study		38.5581	97°	38.558197°
пеш				-121.4091	06°	-121.409106°
DWR ID						·

Inspector Comment

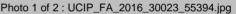
Comment Code

FS_ID:30023 DS_ID:24319 EP_NO: 3596

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact owners to determine how crossing was abandoned.

FIELD_STRUCT_DESC: *ABANDONED* [Power Inn Road Plant] 4 of 4: 48-inch corrugated metal (CM) drainpipe through the levee, 20.0 feet below the crown. Two CM cutoff walls around pipe under each shoulder. Slide gate with control pedestal in CM pipe riser on waterside (WS) slope. Slide gate with control pedestal in collection sump on landside (LS). Pumping plant at LS toe. Reinforced concrete discharge box at the toe of the WS slope. Flap gate on WS end. (Permit No. 3596-1962) 60-inch discharge pipe from box across the berm to the riverbank installed under Permit No. 5894 (1970). Pipe abandoned and CM pipe riser cut 2.0 feet below ground surface under Permit No. 3596A (1998). FS Date: 12/11/2013



No Photos



Overview of levee crown at crossings.

* Location + Issue Type Ma : Maintenance Deficiancy LS: Land Side N/A: Not Applicable A: Acceptable N : Not Inspected/Rated WS: Water Side Minimally Acceptable C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	7.34	Rating **	М	Issue No.	ssue No. 756 (cont)		_
LM End	7.34	Issue Type +	En	Location *	WS		
Category	Suppleme	ental		GPS Latitude/Longitude			
Calegory			Start		End		
Item	DWR UCI	P Field Study		38.5581	97°	38.558197	0
пеш				-121.4091	06°	-121.409106	0
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:30023 DS_ID:24319 EP_NO: 3596

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact owners to determine how crossing

was abandoned.

FIELD_STRUCT_DESC: *ABANDONED* [Power Inn Road Plant] 4 of 4: 48-inch corrugated metal (CM) drainpipe through the levee, 20.0 feet below the crown. Two CM cutoff walls around pipe under each shoulder. Slide gate with control pedestal in CM pipe riser on waterside (WS) slope. Slide gate with control pedestal in collection sump on landside (LS). Pumping plant at LS toe. Reinforced concrete discharge box at the toe of the WS slope. Flap gate on WS end. (Permit No. 3596-1962) 60-inch discharge pipe from box across the berm to the riverbank installed under Permit No. 5894 (1970). Pipe abandoned and CM pipe riser cut 2.0 feet below ground surface under Permit No. 3596A (1998). FS Date: 12/11/2013

Photo 2 of 2: UCIP_FA_2016_30023_55392.jpg



Signs of crossing repair patch section visible on levee crown.

LM Start	7.65	Rating **	U	Issue No.		74
LM End	7.68	Issue Type +	En	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory						End
Item	Encroach	ments		38.5591	77 °	38.559218°
пеш			-121.4035	41 °	-121.402967°	
DWR ID	DWR_NA0	001_04_s _ 201	2_74			

FE: Fence

Inspector Comment

Comment Code

Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_74_20160914_00058.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	7.69	Rating **	U	Issue No.	75		
LM End	7.72	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachi	ments		38.5592	30°	38.559261 °	
item				-121.4027	08°	-121.402219°	
DWR ID DWR_NA0001_04_s _ 2012_75							
Comment Code							

FE : Fence

Inspector Comment

Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_75_20160914_00059.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.75	Rating **	U	Issue No. 76		76
LM End	7.76	Issue Type +	En	Location *		LS
Category	evee	GPS La	atitud	e/Longitude		
Category				Start		End
Item	Encroach	ments		38.5593	08°	38.559309°
пеш				-121.4017	17°	-121.401388 °
DWR ID	R ID DWR_NA0001_04_s _ 2012_76					·
Comment Code						

FE : Fence

Inspector Comment

Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	7.78	Rating **	U	Issue No.		77	
LM End	7.80	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Calegory				Start End			
Item	Encroach	ments		38.5593	30°	38.559366°	
пеш				-121.4011	62°	-121.400683 °	
DWR ID	ID DWR_NA0001_04_s _ 2012_77						
	Comment Code						

FE : Fence

Inspector Comment

Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_77_20160914_00061.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.82	Rating **	U	Issue No.		78	
LM End	7.84	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start End			
Item	Encroach	ments		38.5593	79°	38.559435 °	
пеш				-121.4003	54°	-121.399944°	
DWR ID	DWR_NA0	0001_04_s _ 2012_78					
Comment Code							

FE : Fence

Inspector Comment

Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_78_20160914_00062.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	7.86	Rating **	U	Issue No.		79
LM End	7.88	Issue Type +	En	Location *		LS
Category	evee	GPS La	titud	le/Longitude		
Calegory			Start		End	
Item	Encroachi	ments		38.5595	14°	38.559643°
item				-121.3997	00°	-121.399248°
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_79					
Comment Code						

FE : Fence

Inspector Comment

Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_79_20160914_00063.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.90	Rating **	U	Issue No.		80	
LM End	7.93	Issue Type +	En	Location *		LS	
Category	evee	GPS La	atitud	le/Longitude			
Calegory				Start End			
Item	Encroach	ments		38.5597	53°	38.559911°	
item				-121.3989	82°	-121.398506°	
DWR ID DWR_NA0001_04_s _ 2012_80					·		
Comment Code							

FE : Fence

Inspector Comment

Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_80_20160914_00064.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	7.93	Rating **	М	Issue No.		223	
LM End	7.93	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	Vegetation			57°	38.559957 °	
пеш				-121.3984	01°	-121.398401 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_223				
		Comn	nent Cod	de			
V6 : Lands	caping						
	Inspector Comment						
Landscaping trees and bushes within 10-ft of levee toe obstruct visibility.							

No Photos

LM Start	7.94	Rating **	U	Issue No.		224
LM End	7.97	Issue Type +	En	Location *		LS
Category	evee	GPS La	titud	e/Longitude		
Calegory			Start		End	
Item	Encroach	ments		38.55999	94°	38.560185°
item			-121.3983	18°	-121.397845°	
DWR ID	DWR_NA0	001_04_s _ 201	2_224			

Comment Code

FE: Fence

Inspector Comment

Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_224_20160914_00177.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	7.98	Rating **	U	Issue No.	81		
LM End	8.00	Issue Type +	En	Location *		LS	
Earthen Levee				GPS La	atitud	le/Longitude	
Category			Start		End		
Item	Encroach	ments		38.5602	81 °	38.560435°	
пеш				-121.3976	04°	-121.397239°	
DWR ID DWR_NA0001_04_s _ 2012_81							
	Comment Code						

FE : Fence

Inspector Comment

Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_81_20160914_00065.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.02	Rating **	U	Issue No.	82		
LM End	8.02	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
ltom	Encroach	ments		38.5605	37°	38.560537°	
пеш	Item			-121.3969	12°	-121.396912°	
DWR ID	DWR_NA0001_04_s _ 2012_82						
Comment Code							

FE : Fence

Inspector Comment

Brick fence is within 10-ft of levee toe, obstructing access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_82_20160914_00066.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_83_20160914_00067.jpg

LM Start	8.04	Rating **	U	Issue No.	83			
LM End	8.04	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start		End		
Item	Encroachments			38.5606	47°	38.560647°		
пеш				-121.3966	60°	-121.396660 °		
DWR ID	DWR_NA0	2_83						
Comment Code								

FE : Fence

Inspector Comment

Brick fence is within 10-ft of levee toe and obstructs access and visibility.



03/16/2012 Brick wall completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.05	Rating **	U	Issue No.		84		
LM End	8.05	Issue Type +	En	Location * LS				
Category Earthen Levee				GPS La	atitud	e/Longitude		
Calegory				Start		End		
ltem Encroachments			38.5607	'28 °	38.560728 °			
пеш				-121.3964	71 °	-121.396471 °		
DWR ID DWR_NA0001_04_s _ 2012_84								
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Brick fence is within 10-ft of levee toe and obstructs access and visibility.								

Photo 1 of 1 : FA_2016_NA0001_55_84_20160914_00068.jpg

03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.06	Rating **	A/W	Issue No.		745	
LM End	8.06	Issue Type +	En	Location *		LS	
Catagony	Category Earthen Levee				GPS Latitude/Longitud		
Calegory			Start		End		
Encroachments ltem			38.5608	30°	38.560830°		
пеш				-121.3962	32°	-121.396232°	
DWR ID	WR ID DWR_NA0001_04_s _ 2012_745						
Comment Code							
UR : Urban							

Inspector Comment

Drains direct gutter flow onto levee toe.

Photo 1 of 1 : FA_2016_NA0001_55_745_20160914_00195.jpg



11/15/2011 Gutter drains that are suspended from the balcony direct flow onto the levee toe.

LM Start	8.07	U	Issue No.		85		
LM End	8.07	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachments			38.5608	45 °	38.560845°	
item				-121.3961	89°	-121.396189°	
DWR ID	DWR_NA0001_04_s _ 2012_85						
Comment Code							

FE: Fence

Inspector Comment

Brick fence is within 10-ft of levee toe and obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_85_20160914_00069.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.08	Rating **	U	Issue No.		86	
LM End	8.08	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Encroachments			38.5609	07°	38.560907°	
item			-121.396043°		-121.396043°		
DWR ID	DWR_NA0	001_04_s _ 201	2_86	'		·	
		Comn	nent Coo	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Brick fence is within 10-ft of levee toe and obstructs access and visibility.							

Photo 1 of 1: FA_2016_NA0001_55_86_20160914_00070.jpg

03/16/2012 Brick wall completely obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_87_20160914_00071.jpg

LM Start	8.09	Rating **	U	Issue No.		87
LM End	8.09	Issue Type +	En	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Encroachments			38.5610	° 80	38.561008°
item			-121.3958	17°	-121.395817°	
DWR ID	DWR_NA0001_04_s _ 2012_87					

FE : Fence

Inspector Comment

Comment Code

Brick fence is within 10-ft of levee toe and obstructs access and visibility.

03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.13	Rating **	М	Issue No.		225	
LM End	8.13	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Lati	tud	e/Longitude	
Category				Start		End	
Item	Vegetation			38.56124	3°	38.561248	٥
пеш				-121.39516)°	-121.395169	٥
DWR ID	DWR_NA0	001_04_s _ 201	2_225				

V6 : Landscaping

Inspector Comment

Comment Code

Landscaping along chain link fence within 10-ft of levee toe obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_225_20160914_00178.jpg



View of the landscaping at the levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.16	Rating **	U	Issue No.		89	
LM End	8.16	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Encroachments			38.5614	67°	38.561467°	
item			-121.394728°		-121.394728°		
DWR ID DWR_NA0001_04_s _ 2012_89							
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Fence and landscaping arbor within 10-ft of levee toe obstructs access and visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.17	Rating **	U	Issue No.		90	
LM End	8.17	Issue Type +	En	Location *		LS	
Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Encroachments			38.561544°		38.561544°	
item				-121.3944	94°	-121.394494 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_90				
Comment Code							
FE : Fence)						

Inspector Comment

Cement block fence within 10-ft of the levee toe.



03/16/2012 Cinder block wall completely obstructs access and visibility.

LM Start	8.18	Rating **	U	Issue No.	91			
LM End	8.18	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End			
Item	Encroach	ments		38.56159	93°	38.561593°		
пеш				-121.39431	5 °	-121.394315°		
DWR ID DWR_NA0001_04_s _ 2012_91								
	Comment Code							

FE: Fence

Inspector Comment

Concrete block fence and landscaping within 10-ft of levee toe obstructs access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_91_20160914_00075.jpg



03/16/2012 Cinder block wall completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

1110/	0.40	Rating **	U	Issue No.		00		
LM Start	8.19	Rating	U	issue ivo.		92		
LM End	8.19	Issue Type +	En	Location *		LS		
Cotogon/ Earthen Levee				GPS Latitude/Longitude				
Category			Start		End			
Item	Encroach	ments		38.561658°		38.561658°		
item				-121.3941	57°	-121.394157°		
DWR ID	DWR_NA0	001_04_s _ 201	2_92					
Comment Code								
FE : Fence								

Inspector Comment

Cement block fence and landscaping within 10-ft of levee toe obstructs access and visibility.



03/16/2012 Cinder block fence completely obstructs access and visibility.

LM Start	8.21	Rating **	U	Issue No.		93		
LM End	8.21	Issue Type +	En	Location *		LS		
Category	Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Encroach	ments		38.561750 ° 38.561750				
item				-121.3939	17°	-121.393917°		
DWR ID DWR_NA0001_04_s _ 2012_93								
		Comn	nent Coo	de				

FE: Fence

Inspector Comment

Wooden fence, strung tarps, and landscaping within 10-ft of levee toe obstructs access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_93_20160914_00077.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.21	Rating **	U	Issue No.		94
LM End	8.21	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Encroachments			38.5617	99°	38.561799°
item			-121.393758°		-121.393758°	
DWR ID	DWR_NA0	001_04_s _ 201	2_94			
		Comn	nent Cod	de		
FE : Fence)					
Inspector Comment						
Wood privacy fence and pool within 10-ft of levee toe obstructs access and visibility.						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.23	Rating **	U	Issue No.		95		
LM End	8.23	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
ltem Encroachments			38.5619	° 000	38.561900°			
item				-121.393547 °		-121.393547°		
DWR ID	DWR_NA0	001_04_s _ 201	2_95					
		Comn	nent Cod	de				
FE : Fence)							
Inspector Comment								
Wood priva	acy fence	within 10-ft of	levee to	e obstructs	acce	ess and		

visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.24	Rating **	U	Issue No.		97	
LM End	8.24	Issue Type +	En	Location *		LS	
Cotogon Earthen Levee				GPS La	atitud	e/Longitude	
Category			Start		End		
Item	Encroachments			38.561986°		38.561986°	
пеш				-121.393343 °		-121.393343°	
DWR ID DWR_NA0001_04_s _ 2012_97							
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.25	Rating **	U	Issue No.	98			
LM End	8.25	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category	ategory					End		
ltem	ltem Encroachments			Encroachments 38.562		38.5620	54°	38.562054°
пеш				-121.393190°		-121.393190°		
DWR ID	DWR_NA0	001_04_s _ 201	2_98					
Comment Code								
FE : Fence								

Inspector Comment

Wood privacy fence within 10-ft of levee toe obstructs access and visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.26	Rating **	U	Issue No.		99	
LM End	8.26	Issue Type +	En	Location *		LS	
Cotogon Earthen Levee				GPS La	atitud	le/Longitude	
Category			Start		End		
Item	Encroachments			38.562120°		38.562120°	
пеш				-121.392983 °		-121.392983 °	
DWR ID DWR_NA0001_04_s _ 2012_99							
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.27	Rating **	U	Issue No.	100		
LM End	8.27	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS La	atitud	le/Longitude	
				Start		End	
ltem	ltem Encroachments			38.5621	82°	38.562182°	
пеш				-121.392778 °		-121.392778 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_100				
		Comn	nent Cod	le			
FE : Fence)						
Inspector Comment							
Wood privacy fence within 10-ft of levee toe obstructs access and							

visibility.



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.32	Rating **	U	Issue No.		101		
LM End	8.32	Issue Type +	En	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End			
Item	Encroachments			38.562508°		38.562508°		
Item				-121.392037 °		-121.392037°		
DWR ID DWR_NA0001_04_s _ 2012_101								
Comment Code								

FE: Fence

Inspector Comment

Wood privacy fence within 10-ft of levee toe obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_101_20160914_00085.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.34	Rating **	С	Issue No.		Issue No.		232
LM End	8.34	Issue Type +	Ма	Location *		LS		
Category Earthen Levee			GPS Latitude/Longitude					
Category			Start		End			
Item	Animal Control		38.56263	3°	38.562633°			
nem		-121.39168	8°	-121.391688°				
DWR ID	DWR_NA0	001_04_f _ 201	5_232					

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled rodent holes.

No Photos

LM Start 8.38 Rating ** M Issue No. 102							
LM End 8.38 Issue Type + En Location * LS							
Category Earthen Levee GPS Latitude/Longitud	GPS Latitude/Longitude						
Start End							
Vegetation 38.562889 ° 38.562	2889°						
-121.391042 ° -121.39	042°						
DWR ID DWR_NA0001_04_s _ 2012_102							
Comment Code							

V6: Landscaping

Inspector Comment

Helix sky pencil along chain link fence is within 10-ft of the levee toe.



View of the landscaping at the levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.40	Rating **	U	Issue No.		103
LM End	8.40	Issue Type +	En	Location *		LS
Category	evee		GPS Latitude/Longitude			
Calegory				Start		End
Item	Encroachi	ments		38.5630	42 °	38.563042°
item				-121.3906	92 °	-121.390692 °
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_103					
		Comn	nent Cod	de		
FE : Fence)					
Inspector Comment						
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.41	Rating **	U	Issue No.		104	
LM End	8.41	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachi	ments		38.5631	08°	38.563108°	
item				-121.390452 °		-121.390452°	
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_104						
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.44	Rating **	М	Issue No.		105	
LM End	8.44	Issue Type +	En	Location *		LS	
Cotogony	evee	GPS Latitude/Longitude					
Category				Start		End	
Item	Vegetatio	n		38.5632	38°	38.563238°	
пеш				-121.3900	73°	-121.390073 °	
DWR ID	DWR_NA0	DWR_NA0001_04_s _ 2012_105					
		Comn	nent Cod	de			
V6 : Lands	caping						
Inspector Comment							
Palms planted within 10-ft of the levee toe.							



View of the palm trees at the levee toe.

LM Start	8.45	Rating **	U	Issue No.		106
LM End	8.45	Issue Type +	En	Location *		LS
Category	Earthen L		GPS Latitude/Longitude			
Calegory				Start		End
Item	Encroach	Encroachments			08°	38.563308°
item				-121.3898	85°	-121.389885 °
DWR ID	DWR_NA0	001_04_s _ 201	2_106			

Comment Code

Retaining wall and irrigation at landside levee toe.

FE: Fence

Inspector Comment

Wood privacy fence within 10-ft of levee toe obstructs access and visibility. Block wall built into the levee.

Photo 1 of 1 : FA_2016_NA0001_55_106_20160914_00090.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

-						
LM Start	8.46	Rating **	М	Issue No.		246
LM End	8.46	Issue Type +	En	Location *		LS
Category	Earthen L	GPS La	atitud	e/Longitude		
Category				Start		End
Item	Encroach	Encroachments			34°	38.563434°
пеш					75°	-121.389675 °
DWR ID	DWR_NA0	001_04_s _ 201	4_246			
		Comn	nent Cod	de		
RW : Retaining Wall						
	Inspector Comment					



View of the irrigation and retaining wall at the landside levee toe.

* Location	** Rating		+ Issue Type		
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement		

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.47	U	Issue No.		107		
LM End	8.47	Issue Type +	En	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Vegetatio	n		38.5635	11°	38.563511 °	
item				-121.389509 °		-121.389509°	
DWR ID DWR_NA0001_04_s _ 2012_107							
		Comn	nent Cod	de			
V6 : Lands	caping						
Inspector Comment							

Photo 1 of 1 : FA_2016_NA0001_55_107_20160914_00091.jpg

03/16/2012 Landacaping obstructs visibility and access.

LM Start	8.48	Rating **	U	Issue No.		108		
LM End	8.48	Issue Type +	En	Location *	LS			
Category	evee	GPS Latitude/Longitude						
Calegory				Start		End		
Item	Vegetatio	n		38.5635	87°	38.563587°		
пеш				-121.3893	13°	-121.389313°		
DWR ID DWR_NA0001_04_s _ 2012_108								
		Comn	nent Coo	le				
V6 : Lands	caping							
Inspector Comment								



03/16/2012 Landscaping obstructs visibility and access.

LM Start	8.49	Rating **	U	Issue No.		109
LM End	8.49	Issue Type +	En	Location *		LS
Category	Earthen L	evee	GPS Latitude/Longitude			
Calegory				Start		End
Item	Encroachi	Encroachments			80°	38.563580°
ROIII					40°	-121.389140°
DWR ID	DWR_NA0	001_04_s _ 201	2_109			
		Comn	nent Cod	de		
FE : Fence	FE : Fence					
Inspector Comment						
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.51	Rating **	U	Issue No.		110		
LM End	8.51	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroach	Encroachments			'32 °	38.563732°		
item				-121.388930 °		-121.388930 °		
DWR ID	DWR_NA0	001_04_s _ 201	2_110			·		
		Comn	nent Cod	de				
FE : Fence)							
Inspector Comment								
Wood privacy fence within 10-ft of levee toe obstructs access and visibility								



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.52	Rating **	М	Issue No.		226			
LM End	8.52	Issue Type +	En	Location *		LS			
Category	Earthen L	evee		GPS Latitude/Longitude					
Category				Start		End			
Item	Vegetation			38.5637	'93	38.563793°			
item	item				'58 °	-121.388758°			
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_226								
		Comn	nent Cod	de					
V6 : Lands	caping								
Inspector Comment									
Garden, trees and cactus planted against the levee toe.									



View of landscaping at the levee toe.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

е							
3820°							
3518°							
DWR ID DWR_NA0001_04_s _ 2012_111							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.55	Rating **	U	Issue No.		113	
LM End	8.55	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.5639	63°	38.563963°	
пеш	item				35 °	-121.388135 °	
DWR ID DWR_NA0001_04_s _ 2012_113							
		Comn	nent Cod	de			
V6 : Lands	scaping						
Inspector Comment							



03/16/2012 Landscaping on chainlink fence blocks visibility and access.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.57	Rating **	U	Issue No.		114	
LM End	8.57	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	/egetation			20°	38.564020	
пеш					87°	-121.387887	
DWR ID DWR_NA0001_04_s _ 2012_114							
		Comn	nent Cod	de			
V6 : Lands	caping						
		Inspect	or Comm	nent			
Ivy and orange tree obstruct visibility.							



03/16/2012 Ivy on chainlink fence completely obstructs visibility and access.

LM Start	8.58	Rating **	U	Issue No.		115		
LM End	8.58	Issue Type +	En	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start	End			
Item	Encroach	ments		38.564047°		38.564047°		
пеш				-121.3877	43°	-121.387743°		
DWR ID DWR_NA0001_04_s _ 2012_115								
	Comment Code							

FE : Fence

Inspector Comment

Wood privacy fence within 10-ft of levee toe obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_115_20160914_00099.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

	0.50	Dating **	- 11	Janua Na		447			
LM Start	8.59	Rating **	U	Issue No.		117			
LM End	8.59	Issue Type +	En	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Encroachi	Encroachments			94°	38.564094°			
пеш	item				98°	-121.387498°			
DWR ID	DWR_NA0	001_04_s _ 201	2_117						
		Comn	nent Cod	de					
FE : Fence)								
Inspector Comment									
Wood privacy fence and wood out builting within 10-ft of levee toe obstructs access and visibility.									

Photo 1 of 1: FA_2016_NA0001_55_117_20160914_00101.jpg

03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.60	Rating **	U	Issue No.		116		
LM End	8.60	Issue Type +	En	Location *		LS		
Category Earthen Levee			GPS Latitude/Longitude					
Category				Start		End		
Item	Encroachments				33°	38.564133°		
item				-121.3873	18°	-121.387318°		
DWR ID DWR_NA0001_04_s _ 2012_116								
Comment Code								
EE · Fonco								

FE : Fence

Inspector Comment

Wood privacy fence within 10-ft of levee toe obstructs access and visibility.

Photo 1 of 1: FA_2016_NA0001_55_116_20160914_00100.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.61	Rating **	U	Issue No.		118	
LM End	8.61	Issue Type +	En	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Encroachments Item		38.564133 °		38.564133°			
item				-121.387092°		-121.387092°	
DWR ID DWR_NA0001_04_s _ 2012_118							
Comment Code							
FE : Fence							
Inspector Comment							
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.							

Photo 1 of 1 : FA_2016_NA0001_55_118_20160914_00102.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.63	Rating **	U	Issue No.	119		
LM End	8.63	Issue Type +	En	Location *	LS		
Category Earthen Levee		GPS Latitude/Longitude					
Category				Start		End	
ltem Encroachments		38.564217°		38.564217°			
пеш				-121.3868	46°	-121.386846°	
DWR ID DWR_NA0001_04_s _ 2012_119							
Comment Code							

FE : Fence

Inspector Comment

Wood privacy fence within 10-ft of levee toe obstructs access and visibility.

Photo 1 of 1 : FA_2016_NA0001_55_119_20160914_00103.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	8.75	Rating **	С	Issue No.	231		
LM End	8.75	Issue Type +	Ma	Location *		LS	
Catagory	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Animal Control				36°	38.564636°	
пеш				-121.384574°		-121.384574°	
DWR ID	DWR_NA0	001_04_f _ 201	5_231				
		Comn	nent Coo	le			
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.							
	Inspector Comment						

No Photos

LM Start	8.83	Rating **	N	Issue No.		230
LM End	8.83	Issue Type +	Ma	Location *		LS
Category	evee	GPS La	titud	e/Longitude		
Calegory				Start		End
Item	Trim / Thi	n Trees		38.5649	29°	38.564929°
пеш				-121.3832	48 °	-121.383248 °
DWR ID	DWR_NA0	001_04_f _ 201	5_230			·

Comment Code

T5: Tree stumps.

LMA backfilled rodent holes

Inspector Comment

5 shrub stumps with multiple branches.

Photo 1 of 1 : FA_2016_NA0001_55_230_20160914_00181.jpg



View of the multiple tree stumps at the landside levee toe.

LM Start	8.90	Rating **	U	Issue No.	235		
LM End	8.90	Issue Type +	En	Location *	LS		
Catagory	evee	GPS La	titud	le/Longitude			
Calegory	Category					End	
Item	Encroach	ments		38.5653	52°	38.565352°	
пеш				-121.3820	44 °	-121.382044°	
DWR ID DWR_NA0001_04_s _ 2012_235							
	Comment Code						

FE : Fence

Inspector Comment

Chain link fence with privacy slats and barbed wire within 10-ft of levee toe obstructs access and visibility.



03/16/2012 Chainlink fence with privacy slats and barbed wire obstruct visibility and access.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	9.31	Rating **	С	Issue No.		32	
LM End	9.31	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Animal Co	38.5666	85°	38.566685	0		
пеш				-121.374706°		-121.374706	0
DWR ID	DWR_NA0	001_04_f _ 201	5_32				
		Comn	nent Cod	de			
A3 : No roo compact o		le, but rodent rows.	burrows	visible; nee	ed to	backfill and	
Inspector Comment							
LMA backf	LMA backfilled rodent holes.						

No Photos

LM Start	9.48	Rating **	М	Issue No.		236	
LM End	9.48	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio		38.5669	948°	38.566948	0	
пеш				-121.3715	62°	-121.371562	0
DWR ID	DWR_NA0	001_04_s _ 201	2_236				
		Comn	nent Cod	de			
V6 : Lands	scaping						
		Inspecto	or Comm	nent			
Landscapi	ng within 1	0-ft of levee t	oe.				



View of the landscaping at the landside levee to obstructing visibility and access.

LM Start	9.48	Rating **	М	Issue No.		237		
LM End	9.48	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetatio	ı		38.5669	38°	38.566938 °		
пеш				-121.3715	50°	-121.371550°		
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_237							
		Comn	nent Cod	de				
V6 : Lands	scaping							
		Inspecto	or Comm	nent				
Redwoods and ivy along fence within 10-ft of levee toe.								



View of landscaping at levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	9.52	Rating **	U	Issue No.		121			
LM End	9.52	Issue Type +	En	Location *	LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Vegetatio	n		38.5670)58°	38.567058°			
пеш				-121.3709	954°	-121.370954°			
DWR ID	DWR_NA0	001_04_s _ 201	2_121						
		Comn	nent Cod	de					
V6 : Lands	scaping								
			_						
		Inspect	or Comm	nent					
Oleander I	Oleander bushes and shrubs within 10-ft of landside toe.								



03/16/2012 Landscaping obstructs visibility and access.

LM Start	9.55	Rating **	М	Issue No.	122			
LM End	9.55	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
ltom	ltem Vegetation			38.567181°		38.567181 °		
пеш				-121.3703	66°	-121.370366 °		
DWR ID DWR_NA0001_04_s _ 2012_122								
Comment Code								

V6: Landscaping

Inspector Comment

Trees and ground cover within 10-ft of levee toe.

Photo 1 of 1 : FA_2016_NA0001_55_122_20160914_00105.jpg
在一片的 电加工设计 人名英格兰
《新文》的《李杨花》的《
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03/21/2013

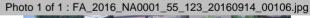
View of landscaping at levee toe.

LM Start	9.57	Rating **	N	Issue No.		123		
LM End	9.57	Issue Type +	Ма	Location *	LS			
Category Earthen Levee			GPS Latitude/Longitude					
Category	Calegory			Start		End		
Itom	Item Trim / Thin Trees			38.56728	5 °	38.567285 °		
пеш				-121.369964 °		-121.369964 °		
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_123							
	Commont Codo							

T5: Tree stumps.

Inspector Comment

Trees, bushes and ground cover within 10-ft of levee toe.





03/16/2012 Large tree stump at levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	9.58	Rating **	M	Issue No.		124	
LM End	9.58	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Vegetatio	า		38.5672	42°	38.567242°	
item				-121.369858 °		-121.369858°	
DWR ID	DWR_NA0	001_04_s _ 201	2_124			·	
		Comn	nent Cod	de			
V6 : Lands	caping						
Inspector Comment							
Ivy and vines on chain link fence within 10-ft of levee toe.							



View of landscaping at levee toe.

9.60	Rating **	U	Issue No.		125		
9.60	Issue Type +	En	Location *		LS		
Earthen L	evee		GPS La	atitud	le/Longitude		
			Start		End		
Vegetatio	า		38.5673	60°	38.567360°		
			-121.369555 °		-121.369555 °		
DWR ID DWR_NA0001_04_s _ 2012_125							
	Comn	nent Cod	le				
caping							
Inspector Comment							
Dense golden ivy on C/L fence obstructs access and visibility.							
	9.60 Earthen Leave Vegetation DWR_NAGG	9.60 Issue Type + Earthen Levee Vegetation DWR_NA0001_04_s _ 201 Comm caping Inspector	9.60 Issue Type + En Earthen Levee Vegetation DWR_NA0001_04_s _ 2012_125 Comment Coccaping Inspector Comm	9.60 Issue Type + En Location * Earthen Levee GPS Last Start Vegetation 38.5673 -121.3695 DWR_NA0001_04_s _ 2012_125 Comment Code caping Inspector Comment	9.60 Issue Type + En Location * Earthen Levee GPS Latitud Start Vegetation 38.567360 ° -121.369555 ° DWR_NA0001_04_s _ 2012_125 Comment Code caping Inspector Comment		



03/16/2012 Landscaping obstructs visibility and access.

LM Start	9.65	Rating **	U	Issue No.		128	
LM End	9.65	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachi	ments		38.5674	93°	38.567493°	
пеш				-121.368633 °		-121.368633 °	
DWR ID DWR_NA0001_04_s _ 2012_128							
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Wooden privacy fence within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	9.67	Rating **	М	Issue No.		129	
LM End	9.67	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.5675	94°	° 38.567594°	
пеш			-121.368195 °		-121.368195 °		
DWR ID	DWR_NA0	001_04_s _ 201	2_129			·	
		Comn	nent Cod	de			
V6 : Lands	scaping						
Inspector Comment							
Trees and vines along C/L fence within 10-ft of levee toe.							



View of landscaping at levee toe.

LM Start	9.69	Rating **	U	Issue No.		130	
LM End	9.69	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.567626°		38.567626°	
пеш					21°	-121.367921 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_130			·	
		Comn	nent Cod	de			
V6 : Lands	caping						
Inspector Comment							
Tall hedge obstructs access and visibility.							



03/16/2012 Tall hedge obstructs visibility and access.

LM Start	9.70	Rating **	M	Issue No.		131			
LM End	9.70	Issue Type +	En	Location *	LS				
Category	evee	GPS La	atitud	e/Longitude					
Category				Start		End			
Item	Vegetatio	n		38.5676	° 088	38.567680°			
Item				-121.367674°		-121.367674°			
DWR ID DWR_NA0001_04_s _ 2012_131									
	Comment Code								
V6 : Lands	caping								
		Inspecto	or Comm	nent					
Tall hedge	Tall hedge obstructs access and visibility.								



View of landscaping at levee toe.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	9.72	Rating **	N	Issue No.		234
LM End	9.72	Issue Type +	Ma	Location *		LS
Earthen Levee				GPS La	atituc	le/Longitude
Category				Start		End
Item	Trim / Thi	n Trees		38.5677	61°	38.567761 °
пеш				-121.3673	63°	-121.367363 °
DWR ID DWR_NA0001_04_s _ 2015_234						
		Comn	nent Cod	de		
T5 : Tree s	stumps.					
Inspector Comment						



View of the tree stump at the landside levee toe.

LM Start	9.72	Rating **	М	Issue No.		132		
LM End	9.72	Issue Type +	En	Location *		LS		
Cotogoni Earthen Levee			GPS Latitude/Longitude					
Category				Start		End		
Itom	Vegetation			38.5677	72°	38.567772°		
Item S S S S S S S S S S S S S S S S S S S				-121.3672	27°	-121.367227°		
DWR ID	ID DWR_NA0001_04_s _ 2012_132							
	Comment Code							

V6: Landscaping

Inspector Comment

Trees and ivy on levee slope obstruct access and visibility.

Photo 1 of 1 : FA _2016_NA0001_55_132_20160914_00113.jpg

View of obstructive landscaping.

LM Start	9.74	Rating **	M	Issue No.		133	
LM End	9.74	Issue Type +	En	Location *		LS	
Category	Category Earthen Levee			GPS Latitude/Longitude			
Category	aregory			Start		End	
Item	Vegetation			38.5678	56°	38.567856°	
пеш		-121.3668	92 °	-121.366892°			
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_133						
Comment Code							
VC . I a							

V6: Landscaping

Inspector Comment

Lemon tree, palm, sky pencil and ivy planted within 10-ft of levee toe obstructs access and visibility.



View of landscaping at levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	9.77	Rating **	U	Issue No.		134
LM End	9.77	Issue Type +	En	Location *		LS
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Vegetation			38.5678	73°	38.567873°
item				-121.3664	10°	-121.366410°
DWR ID DWR_NA0001_04_s _ 2012_134						
Comment Code						
V6 : Lands	caping					
		Inspecto	or Comm	nent		
Ivy, hedge and play house is within 10-ft of levee toe.						

Photo 1 of 1 : FA_2016_NA0001_55_134_20160914_00115.jpg

View of landscaping and playhouse.

LM Start	9.81	Rating **	N	Issue No.		222	
LM End	9.81	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Itom	Trim / Thin Trees			38.5681	14°	38.568114°	
item	Item				47°	-121.365747°	
DWR ID DWR_NA0001_04_f _ 2016_222							
Comment Code							

T5 : Tree stumps.

Inspector Comment

Photo 1 of 1 : FA_2016_NA0001_55_222_20161031_00245.jpg



View of the tree stump at the landside levee toe.

LM Start	9.89	Rating **	U	Issue No.		135	
LM End	9.89	Issue Type +	En	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetation			38.5684	46°	38.568446 °	
item				-121.3643	85 °	-121.364385 °	
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_135						
Comment Code							
V6 : Lands	caping						

Inspector Comment

Tall hedge and ivy within 10-ft of landside levee toe.



 $03/16/2012 \ Landscaping \ is \ obstructing \ visibility.$

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	9.95	Rating **	М	Issue No.		136	
LM End	9.95	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	Encroachments			14°	38.568714 °	
пеш				-121.3632	57°	-121.363257 °	
DWR ID DWR_NA0001_04_s _ 2012_136							
		Comn	nent Cod	de			
FE : Fence	e						
Inspector Comment							
Wire fence within 10-ft of landside levee toe.							



View of the fence and tree stump at the landside levee toe.

LM Start	9.96	Rating **	С	Issue No.		239			
LM End	9.96	Issue Type +	Ma	Location *		LS			
Earthen Levee			GPS Latitude/Longitude						
Calegory	Category					End			
Item	Animal Co	ontrol		38.5687	73°	38.568773°			
пеш				-121.3630	57°	-121.363057 °			
DWR ID	DWR ID DWR_NA0001_04_f _ 2014_239								
Comment Code									
A1 : Extern	A1 : Exterminate rodents and backfill and compact or grout burrows.								

Inspector Comment

LMA backfilled rodent holes.

No Photos

LM Start	10.00	Rating **	U	Issue No.	138		
LM End	10.00	Issue Type +	En	Location *	LS		
Cotogon Earthen Levee			GPS Latitude/Longitude				
Calegory	Category					End	
Item	Encroach	ments		38.56895	3°	38.568953°	
item				-121.36239	6°	-121.362396 °	
DWR ID DWR_NA0001_04_s _ 2012_138							
Comment Code							
I							

FE: Fence

Inspector Comment

03/16/2012 Wood privacy fence completely obstructs visibility and access.

Photo 1 of 1 : FA_2016_NA0001_55_138_20160914_00118.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

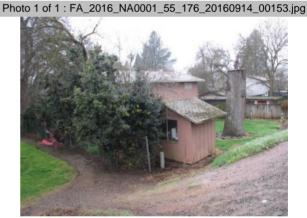
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.06	Rating **	U	Issue No.		245	
LM End	10.06	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.5692	47°	38.569247 °	
пеш				-121.3613	15°	-121.361315°	
DWR ID DWR_NA0001_04_s _ 2014_245							
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Rod fence	Rod fence coverd with vegetation within 10ft of levee toe.						
-							



View of the fence at the landside levee toe.

LM Start	10.08	Rating **	U	Issue No.		176
LM End	10.08	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Encroachments			38.5692	93°	38.569293°
пеш				-121.3610	002°	-121.361002°
DWR ID	DWR_NA0	001_04_s _ 201	2_176			
		Comn	nent Cod	de		
BU : Buildi	ng					
Inspector Comment						



03/16/2012 Wood structure within 15' of levee toe.

LM Start	10.15	Rating **	С	Issue No.		229		
LM End	10.15	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS La	atitud	de/Longitude		
				Start		End		
Item	Animal Co	ontrol		38.5695	53°	38.569553	0	
item				-121.3597	21 °	-121.359721	0	
DWR ID	DWR ID DWR_NA0001_04_f _ 2015_229							
Comment Code								
Δ3 · No ro	A3: No rodents visible, but rodent burrows visible; need to backfill and							

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA backfilled rodent holes.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

	_							
LM Start	10.24	Rating **	U	Issue No.		141		
LM End	10.27	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroach	ments		38.5699	82°	38.570118°		
пеш				-121.3581	34 °	-121.357604°		
DWR ID DWR_NA0001_04_s _ 2012_141								
		Comn	nent Cod	de				
FE : Fence)							
Inspector Comment								
Wooden fence behind six apartment units is within 10-ft of levee slope.								
·								

Photo 1 of 1 : FA_2016_NA0001_55_141_20160914_00120.jpg

03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.28	Rating **	U	Issue No.		142	
LM End	10.30	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.570175°		38.570229°	
пеш				-121.357390 °		-121.357041 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_142			·	
		Comn	nent Cod	de			
FE : Fence)						
	Inspector Comment						
Wooden fe	Wooden fence behind six apartment units is within 10-ft of levee slope.						



Wooden fence behind apartments within 10' of levee toe.

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.30	Rating **	U	Issue No.		146
LM End	10.32	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Encroach	Encroachments			25 °	38.570245 °
пеш				-121.3570	14°	-121.356791 °
DWR ID	DWR_NA0	001_04_s _ 201	2_146			
		Comn	nent Cod	de		
FE : Fence	Э					
		Inspecto	or Comm	nent		
Wooden fe	ence behin	d 6 apartmen	ts.			
·						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.32	Rating **	U	Issue No.		143	
LM End	10.34	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroach	ments		38.5702	57°	38.570297°	
пеш				-121.356783 °		-121.356403°	
DWR ID	DWR_NA0	001_04_s _ 201	2_143				
		Comn	nent Cod	de			
FE : Fence)						
	Inspector Comment						
Wooden fe	Wooden fence behind six apartment units is within 10-ft of levee slope.						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.35	Rating **	U	Issue No.		144
LM End	10.37	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Encroachi	ncroachments			25°	38.570397°
пеш				-121.3561	85°	-121.355757°
DWR ID	DWR_NA0	001_04_s _ 201	2_144			
		Comn	nent Cod	de		
FE : Fence)					
Inspector Comment						
Wooden fence behind six apartment units is within 10-ft of levee slope.						



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.38	Rating **	IJ	Issue No.		145	
LM End	10.41	Issue Type +	En	Location *		LS	
Category	evee	GPS La	atitud	e/Longitude			
Odlogory				Start End			
Item	Encroach	ments		38.570417°		38.570500°	
itom				-121.3556	25 °	-121.355151 °	
DWR ID	DWR_NA0	001_04_s _ 201	2_145				
	Comment Code						
FE : Fence	-						

Inspector Comment

Wooden fence behind six apartment units is within 10-ft of levee slope.

Photo 1 of 1: FA_2016_NA0001_55_145_20160914_00124.jpg



Wood privacy fence completely obstructs access and visibility.

LM Start	10.42	Rating **	A/W	Issue No.		228	_
LM End	10.42	Issue Type +	Ма	Location *	LS		
Category	Catagoni Earthen Levee			GPS Latitude/Longitude			
Category				Start		End	
Item	Slope Sta	bility		38.57053	6°	38.570536	0
пеш			-121.35495	7°	-121.354957	0	
DWR ID	DWR_NA0	001_04_s _ 201	6_228				
	Comment Code						

S2: Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment



View of the fence at the landside levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.43	Rating **	U	Issue No.		147	
LM End	10.43	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		38.5705	42°	38.570542°	
пеш				-121.354772 °		′2° -121.354772°	
DWR ID DWR_NA0001_04_s _ 2012_147							
		Comn	nent Cod	de			
FE : Fence	e						
		Inspecto	or Comm	nent			
Wooden privacy fence.							

Photo 1 of 1: FA_2016_NA0001_55_147_20160914_00126.jpg

03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.45	Rating **	U	Issue No.		148		
LM End	10.45	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroach	ments		38.5705	24°	38.570524°		
item				-121.3543	59°	-121.354359°		
DWR ID	DWR_NA0	001_04_s _ 201	2_148					
		Comn	nent Cod	de				
FE : Fence	Э							
		Inspecto	or Comm	nent				
Wooden p	rivacy fend	ce obstructs v	sibility a	nd access.				



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

		5 // **	• • •				
LM Start	10.47	Rating **	М	Issue No.		180	
LM End	10.47	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroach	ments		38.5703	97°	38.570397°	
item				-121.3540	84°	-121.354084°	
DWR ID	DWR_NA0	001_04_s _ 201	2_180				
		Comn	nent Cod	de			
FE : Fence	9						
Inspector Comment							
Chainlink fence partially obstructs, currrently visibility is unobstructed.							



Chainlink fence is partially obstructing visibility and access.

LM Start	10.48	Rating **	U	Issue No.		149	
LIVI Start	10.40						
LM End	10.48	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Outogory				Start		End	
Item	Encroachi	ments		38.5702	34°	38.570234°	
item				-121.3538	62°	-121.353862°	
DWR ID	DWR_NA0	001_04_s _ 201	2_149				
		Comn	nent Cod	de			
FE : Fence	e						
	Inspector Comment						
Wooden privacy fence is within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.49	Rating **	U	Issue No.		150	
LM End	10.49	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachi	ments		38.5700	95°	38.570095°	
пеш				-121.3538	07°	-121.353807°	
DWR ID	DWR_NA0	001_04_s _ 201	2_150				
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Wooden privacy fence within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

-								
LM Start	10.51	Rating **	U	Issue No.		151		
LM End	10.51	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS Latitude/Longitude				
Category				Start		End		
Item	Encroach	ments		38.5699	21 °	38.569921 °		
item				-121.3536	43°	-121.353643 °		
DWR ID	DWR_NA0	001_04_s _ 201	2_151					
		Comn	nent Cod	de				
FE : Fence	е							
		Inspect	or Comm	nent				
Wooden p	Wooden privacy fence within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.52	Rating **	U	Issue No.		152		
LM End	10.52	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory				Start		End		
Item	Encroachi	ments		38.5697	'58 °	38.569758°		
пеш				-121.353535 °		-121.353535°		
DWR ID	DWR_NA0	001_04_s _ 201	2_152					
		Comn	nent Cod	de				
FE : Fence)							
	Inspector Comment							
Wooden privacy fence within 10-ft of levee toe.								



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.57	Rating **	U	Issue No.		153	
LM End	10.57	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Category				Start		End	
Item	Encroach	ments		38.5691	66°	38.569166°	
item				-121.353272°		-121.353272°	
DWR ID	DWR_NA0	001_04_s _ 201	2_153				
		Comn	nent Cod	de			
FE : Fence	9						
	Inspector Comment						
Wooden privacy fence and ivy within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.57	Rating **	U	Issue No.		154		
LM End	10.57	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Encroach	ments		38.5690	20°	38.569020°		
пеш				-121.3533	13°	-121.353313 °		
DWR ID	DWR_NA0	001_04_s _ 201	2_154					
		Comn	nent Cod	de				
FE : Fence)							
	Inspector Comment							
Wooden p	rivacy fend	ce within 10-ft	of levee	toe.				



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.59	Rating **	М	Issue No.		155	
LM End	10.59	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.5688	92°	38.568892°	
item				-121.3531	62°	-121.353162°	
DWR ID	DWR_NA0	001_04_s _ 201	2_155				
		Comn	nent Cod	le			
V6 : Lands	caping						
		Inspecto	or Comm	ent			
Trees and bushes are within 10-ft of the levee toe.							



03/16/2012 Trees and bushes within 10' of levee toe.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.60	Rating **	U	Issue No.		156	
LM End	10.60	Issue Type +	En	Location *		LS	
Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.5687	13°	38.568713°	
itelli				-121.353150°		-121.353150°	
DWR ID	DWR_NA0	001_04_s _ 201	2_156				
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Wooden privacy fence and landscaping within 10-ft of levee toe.							

Photo 1 of 1: FA_2016_NA0001_55_156_20160914_00135.jpg

View of the fence at the landside levee toe obstructing visibility and access.

LM Start	10.61	Rating **	М	Issue No.		157	
LM End	10.61	Issue Type +	En	Location *		LS	
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetatio	n		38.5686	° 80	38.568608°	
пеш				-121.353054°		-121.353054°	
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_157						
		Comn	nent Cod	de			
V6 : Lands	caping						
		Inspecto	or Comm	nent			
Tall hedge	Tall hedge and vine on levee toe.						



03/16/2012 Landscaping obstructs visibility

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

		D // ++						
LM Start	10.62	Rating **	U	Issue No.		158		
LM End	10.62	Issue Type +	En	Location *		LS		
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	Encroachi	ments		38.5683	55 °	38.568355°		
пеш				-121.353033 °		-121.353033°		
DWR ID	DWR_NA0	001_04_s _ 201	2_158					
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Wooden p	Wooden privacy fence within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.63	Rating **	U	Issue No.	159			
LM End	10.63	Issue Type +	En	Location *		LS		
Category	evee	GPS Latitude/Longitude						
Category				Start		End		
Item	Encroachi	ments		38.5683	13°	38.568313°		
item				-121.352941 °		-121.352941 °		
DWR ID	DWR_NA0	001_04_s _ 201	2_159					
		Comn	nent Cod	de				
FE : Fence)							
	Inspector Comment							
Wooden p	Wooden privacy fence within 10-ft of levee toe.							
	,,							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.63	Rating **	М	Issue No.		227	
LM End	10.63	Issue Type +	Ma	Location *		WS	
Category	Catagonia Earthen Levee					e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		38.5683	01°	38.568301	0
item				-121.3529	37°	-121.352937	0
DWR ID	DWR_NA0	001_04_s _ 201	6_227				
		Comn	nent Cod	de			
A1 : Exterr	minate rod	ents and back	fill and o	compact or	grou	t burrows.	
			_				
		Inspecto	or Comm	nent			
1							

No Photos

	LM Start	10.64	Rating **	U	Issue No.	160		
	LM End	10.64	Issue Type +	En	Location *	LS		
	Category	GPS Latitude/Longitude						
	Category	alegory			Start		End	
	Item	Encroachi	nents		38.56818	88°	38.568188	0
	пеш					64 °	-121.352864	0
	DWR ID	DWR_NA0	001_04_f _ 201	2_160				
			Comn	nent Cod	le			
FE : Fence								
			Inspecto	or Comm	ent			

Tall wooden privacy fence within 10-ft of levee toe.

Photo 1 of 1: FA_2016_NA0001_55_160_20160914_00139.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.65	Rating **	U	Issue No.		161	
LM End	10.65	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachi	ments		38.5680	58°	38.568058°	
item				-121.3527	85°	-121.352785°	
DWR ID	DWR_NA0	001_04_s _ 201	2_161				
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Wooden p	Wooden privacy fence and vine within 10-ft of levee toe.						



View of wood privacy fence completely obstructing access and visibility.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.66	Rating **	U	Issue No.		179		
LM End	10.66	Issue Type +	En	Location *	LS			
Category Earthen Levee			GPS La	atitud	e/Longitude			
Category	ategory					End		
Item	Encroach	ments		38.5679	17°	38.567917°		
пеш				-121.352698 °		-121.352698°		
DWR ID DWR_NA0001_04_s _ 2012_179								
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Chainlink f	Chainlink fence with bamboo mats prevent visibility.							



03/16/2012 Bamboo panels on chainlink fence completely obstruct visibility.

LM Start	10.68	Rating **	М	Issue No.		178			
LM End	10.68	Issue Type +	En	Location *	LS				
Category Earthen Levee			GPS La	atitud	le/Longitude				
Category				Start		End			
Item	Encroachi	ments		38.5675	52°	38.567552°			
item		-121.352500 ° -121.35250							
DWR ID	DWR ID DWR_NA0001_04_s _ 2012_178								
		Comn	nent Cod	de					
FE : Fence)								
			•						
		Inspecto	or Comm	nent					
Chainlink f	ence								



03/16/2012 Chainlink fence partially blocks visibility.

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.70	Rating **	U	Issue No.		162	
LM End	10.70	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Encroachi	ments		38.5674	02°	38.567402°	
item				-121.352415 °		-121.352415°	
DWR ID	DWR_NA0	001_04_s _ 201	2_162				
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Wooden privacy fence within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.71	Rating **	U	Issue No.		163	
LM End	10.71	Issue Type +	En	Location *		LS	
Category	evee	GPS La	atitud	e/Longitude			
Category				Start		End	
Item	Encroachi	ments		38.5672	50°	38.567250°	
пеш				-121.352341°		-121.352341°	
DWR ID	DWR_NA0	001_04_s _ 201	2_163			·	
		Comn	nent Cod	de			
FE : Fence	;						
Inspector Comment							
Wooden privacy fence and landscaping within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.72	Rating **	U	Issue No.		172		
LM End	10.72	Issue Type +	En	Location *		LS		
Category	Earthen Levee				atitud	e/Longitude		
Calegory			Start		End			
Item	Encroach	ments		38.5670	° 800	38.567008°		
пеш			-121.3522	226°	-121.352226°			
DWR ID DWR_NA0001_04_s _ 2012_172								
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Wooden p	rivacy fend	e.						

Photo 1 of 1 : FA_2016_NA0001_55_172_20160914_00150.jpg

03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.73	Rating **	U	Issue No.		170	
LM End	10.73	Issue Type +	En	Location *		LS	
Category	evee	GPS La	atitud	e/Longitude			
Category				Start		End	
Item	Encroachi	ments		38.5669	81°	38.566981 °	
item				-121.3522	13°	-121.352213 °	
DWR ID DWR_NA0001_04_f _ 2012_170							
		Comn	nent Cod	de			
FE : Fence	e						
		Inspecto	or Comm	nent			
Inspector Comment Wooden privacy fence within 10-ft of levee toe.							



View of the fence obstructing visibility and access.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.75	Rating **	U	Issue No.		166	
LM End	10.75	Issue Type +	En	Location *		LS	
Earthen Levee				GPS La	atitud	e/Longitude	
Category		Start		End			
Item	Encroachi	ments		38.5667	05°	38.566705°	
item				-121.3520	63°	-121.352063°	
DWR ID DWR_NA0001_04_s _ 2012_166							
		Comn	nent Cod	de			
FE : Fence)						
		Inspecto	or Comm	nent			
Wooden privacy fence within 10-ft of levee toe.							

Photo 1 of 1 : FA_2016_NA0001_55_166_20160914_00144.jpg

03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.76	Rating **	U	Issue No.		171		
LM End	10.76	Issue Type +	En	Location *		LS		
Category	evee	GPS La	atitud	e/Longitude				
Category	Category					End		
Item	Encroachi	ments		38.5664	.99°	38.566499°		
пеш		-121.351952°						
DWR ID	DWR_NA0	001_04_s _ 201	2_171			·		
		Comn	nent Cod	de				
FE : Fence)							
			_					
Inspector Comment								
Wooden privacy fence and tall hedge within 10-ft of levee toe.								



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.77	Rating **	U	Issue No.		169	
LM End	10.77	Issue Type +	En	Location *		LS	
Category	evee	GPS La	atitu	de/Longitude			
Calegory				Start		End	
Item	Encroachi	ments		38.5663	99°	38.566399°	
пеш				-121.3519	31 °	-121.351931°	
DWR ID DWR_NA0001_04_s _ 2012_169							
		Comn	nent Coc	de			
FE : Fence)						
Inspector Comment							
Wooden privacy fence within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.78	Rating **	U	Issue No.		167	
LM End	10.78	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Odlogory				Start		End	
Item	Vegetatio	n		38.5662	33°	38.566233°	
item				-121.3518	48°	-121.351848°	
DWR ID DWR_NA0001_04_s _ 2012_167							
		Comn	nent Cod	le			
V6 : Lands	caping						
Inspector Comment							
Wooden privacy fence ivy and vine planted within 10-ft of levee toe.							



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	10/26/2016 10/27/2016	Maksim Khashchuk

LM Start	10.80	Rating **	U	Issue No.		165		
LM End	10.80	Issue Type +	En	Location *		LS		
Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroachi	ments		38.5660	44°	38.566044°		
item				-121.351747°		-121.351747°		
DWR ID DWR_NA0001_04_s _ 2012_165								
		Comn	nent Cod	de				
FE : Fence	9							
Inspector Comment								
Wooden privacy fence within 10-ft of levee toe.								



03/16/2012 Wood privacy fence completely obstructs access and visibility.

	40.04	Dating **		Issue No.		400		
LM Start	10.81	Rating **	U	issue ivo.		168		
LM End	10.83	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calogory				Start		End		
Item	Encroachi	ments		38.5659	17°	38.565646°		
itom				-121.351682 °		-121.351532°		
DWR ID DWR_NA0001_04_s _ 2012_168								
		Comn	nent Cod	de				
FE : Fence	Э							
Inspector Comment								
Wooden privacy fence within 10-ft of levee toe.								



03/16/2012 Wood privacy fence completely obstructs access and visibility.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 05 Sacramento River	Left	0.41

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	2/29/2016 - 2/29/2016		10/27/2016 - 10/27/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

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The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.41	10/27/2016 10/27/2016	Maksim Khashchuk

LM Start	0.10	Rating **	U	Issue No.		2	
LM End	0.17	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	า		38.5950	44 °	38.594117°	
item				-121.5064	97°	-121.506377°	
DWR ID DWR_NA0001_05_s _ 2012_2							
Comment Code							
V6 : Lands	caping						
		Inspecto	or Comm	nent			
Landcaping behind Best Western.							



View of the landscaping on the landside levee slope obstructing visibility and access.

0.13	Rating **	С	Issue No.		1			
0.13	Issue Type +	Ма	Location *		LS			
Category Earthen Levee				atitud	le/Longitude			
			Start		End			
Encroachi	ments		38.5946	31°	38.594631 °			
			-121.506382°		-121.506382°			
DWR ID DWR_NA0001_05_s _ 2016_1								
	Comn	nent Cod	de					
ngs								
Inspector Comment								
	0.13 Earthen L Encroachi DWR_NA0	0.13 Issue Type + Earthen Levee Encroachments DWR_NA0001_05_s _ 201 Comn	0.13 Issue Type + Ma Earthen Levee Encroachments DWR_NA0001_05_s _ 2016_1 Comment Coonings	0.13 Issue Type + Ma Location * Earthen Levee GPS Last Start Encroachments 38.5946 -121.5063 DWR_NA0001_05_s _ 2016_1 Comment Code ngs	0.13 Issue Type + Ma Location * Earthen Levee GPS Latitud Start Encroachments 38.594631 -121.506382 DWR_NA0001_05_s _ 2016_1 Comment Code ngs			

No Photos

NA0001

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.41	10/27/2016 10/27/2016	Maksim Khashchuk

LM Start	0.27	Rating **	М	Issue No.		5	
LM End	0.35	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.5926	30°	38.591517°	
пеш				-121.5058	50°	-121.505447 °	
DWR ID DWR_NA0001_05_s _ 2012_5							
Comment Code							
V6 : Lands	caping						
		Inspecto	or Comm	nent			
Landscaping at City intake facility.							



View of the landscaping on the landside levee slope at the City intake facility.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 06 Linda Creek	Left	1.30

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	2/29/2016 - 2/29/2016		10/21/2016 - 10/21/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

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- a) completion of the inspection
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- c) corrections to deficiencies noted in this report

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Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/21/2016 10/21/2016	Maksim Khashchuk

11100	0.04	Rating **	Α	Issue No.		8
LM Start	0.04	Rating	A	issue ivo.		•
LM End	0.83	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Category				Start		End
Item	Vegetatio	า		38.6573	60°	38.661122°
пеш				-121.4740	-121.460586°	
DWR ID DWR_NA0001_06_f _ 2016_8						
		Comn	nent Cod	de		
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	pes	and
easements	S					
		Inspecto	or Comm	nent		
Acceptable vegetation control.						

Photo 1 of 1 : FA_2016_NA0001_57_8_20161031_00007.jpg

View of the vegetation on the waterside levee slope.

LM Start	0.75	Rating **	М	Issue No.		10
LM End	0.75	Issue Type +	Issue Type + En Location *			WS
Category Supplemental			GPS Latitude/Longitude			
				Start		End
Item	DWR UCIP Field Study			38.6605	18°	38.660518°
item				-121.4618	26°	-121.461826°
DWR ID						

Inspector Comment

Comment Code

FS_ID:30706 DS_ID:24812 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm if line goes through levee or along

landward slope. No permit found.

FIELD_STRUCT_DESC: Storm drain manhole located on landside (LS).

FS Date: 12/20/2013

Photo 1 of 2: UCIP_FA_2016_30706_56559.jpg



View of waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.75	Rating **	М	Issue No.	10 (cont)		
LM End	0.75	Issue Type +	En	Location *	WS		
Supplemental			GPS Latitude/Longitude				
Calegory	egory			Start		End	
Item	DWR UCIP Field Study			38.66051	8°	38.660518°	
пеш				-121.46182	6°	-121.461826°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:30706 DS_ID:24812 EP_NO: N/A

Repair Type: Non-Urgent
Crossing Status: Indicator Found

UCIP Comments: Unable to confirm if line goes through levee or along

landward slope. No permit found.

FIELD_STRUCT_DESC: Storm drain manhole located on landside (LS).

FS Date: 12/20/2013



Manhole located on landward slope.

LM Start	0.84	Rating **	М	Issue No.		9	
LM End	0.84	Issue Type +	En	Location *		WS	
Supplemental			GPS Latitude/Longitude				
Category				Start		End	
Item	DWR UCIP Field Study			38.6611	56°	38.661156°	
пеш				-121.4604	75 °	-121.460475°	
DWR ID						·	

Comment Code

Inspector Comment

FS_ID:29223 DS_ID:24354 EP_NO: N/A

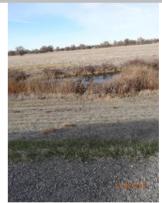
Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to find CM riser and flap gate on waterward end--need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing.

FIELD_STRUCT_DESC: 24-inch pipe through the levee, 12.5 feet below the crown. Two corrugated metal (CM) cutoff walls around pipe. Slide gate in CM riser and flap gate at waterside (WS) end. Concrete headwalls on both ends. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 440+50).

FS Date: 12/20/2013

Photo 1 of 2: UCIP_FA_2016_29223_54002.jpg



View of waterward side--no evidence of crossing.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	10/21/2016 10/21/2016	Maksim Khashchuk

							_	
LM Start	0.84	Rating **	М	Issue No.		9 (cont)		
LM End	0.84	Issue Type +	En	Location *	WS			
Supplemental				GPS Latitude/Longitude				
Category			Start		End			
Item	DWR UCIP Field Study			38.6611	56°	38.661156	0	
пеш				-121.46047	75 °	-121.460475	0	
DWR ID								

Inspector Comment

Comment Code

FS_ID:29223 DS_ID:24354 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to find CM riser and flap gate on waterward end--need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing.

FIELD_STRUCT_DESC: 24-inch pipe through the levee, 12.5 feet below the crown. Two corrugated metal (CM) cutoff walls around pipe. Slide gate in CM riser and flap gate at waterside (WS) end. Concrete headwalls on both ends. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 440+50).

FS Date: 12/20/2013

Photo 2 of 2: UCIP_FA_2016_29223_54001.jpg



View of landward side--manhole on landward toe.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 07 Arcade Creek	Right	1.93

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	2/29/2016 - 2/3/2016		10/21/2016 - 10/21/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

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- c) corrections to deficiencies noted in this report

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Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.04	Rating **	М	Issue No.		38	
LM End	0.04	Issue Type +	Ma	Location *	LS		
Earthen Levee GPS Latitude/Longitude						le/Longitude	
Category				Start		End	
Item	Slope Sta	bility		38.6205	69°	38.620569°	
пеш	-121.467117 ° -121.467117 °						
DWR ID DWR_NA0001_07_f _ 2015_38							
Comment Code							
S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.							
Inspector Comment							



View of the landside levee slope damaged by motorized traffic.

Photo 1 of 1: FA_2016_NA0001_58_36_20161031_00049.jpg

LM Start	0.07	Rating **	Α	Issue No.		36	
LM End	0.68	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetatio	n		38.620848°		38.624987°	
item		-121.466817° -121.457526					
DWR ID DWR_NA0001_07_f _ 2016_36							
Comment Code							
V1 : Control annual grass and weeds on the levee slopes and easements.							
Inspector Comment							
Acceptable vegetation control.							



View of the vegetation on the waterside levee slope.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.71	Rating **	U	Issue No.		48		
LM End	0.71	Issue Type +	En	Location *		WS		
Category	Supplemental			GPS Latitude/Longitude				
Calegory	Category					End		
Item	DWR UCI	P Field Study		38.62484	3 °	38.624843°		
пеш				-121.45709	7°	-121.457097°		
DWR ID						·		

Inspector Comment

Comment Code

FS_ID:49931 DS_ID:24363 EP_NO: 3417 Repair Type: Urgent Crossing Status: Found

UCIP Comments: 8/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for PG&E line to be raised to 200-year water surface elevation. Pipe will be raised on both the right and left banks. Depth below the crown will need to be updated once construction is completed. (DWR UCIP - omagana)12/19/2013 Missing gas line markers -- need to contact owner to determine status. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe at the center of the levee. 4-inch gate valve will be installed on the LS approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002]

FS Date: 8/11/2016

LM Start	0.71	Rating **	U	Issue No.	48 (cont)
LM End	0.71	Issue Type +	En	Location *	WS



Norwood Avenue Bridge

Photo 2 of 2: UCIP_FA_2016_49931_54062.jpg



View of pipe attached to bridge.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.24	Rating **	М	Issue No.	46		
LM End	1.24	Issue Type +	En	Location *	WS		
Category			GPS Lat	ituc	le/Longitude		
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.62578	5°	38.625785°	
пеш				-121.44746	4 °	-121.447464°	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:40803 DS_ID:24447 EP_NO: 16466

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to contact owner to determine if crossings are at this location are associated with Permit number 16466--unable to confirm crossings.

FIELD_STRUCT_DESC: Two 6-inch and one 2-inch concrete encased steel utility conduits through the levee, all approximately 2.0 feet below the crown. Manhole on the levee crown. (Permit No. 16466-1995) FS Date: 12/20/2013

LM Start	1.24	Rating **	М	Issue No.	46 (cont)
LM End	1.24	Issue Type +	En	Location *	WS



Underground Service Alert (USA) marking present on pavement however, unable to verify crossings.

Photo 2 of 2: UCIP_FA_2016_40803_48511.jpg



View of levee crown and estimate where crossings cross levee.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.31	Rating **	М	Issue No.	45		
LM End	1.31	Issue Type +	En	Location *	WS		
Category			GPS La	tituc	le/Longitude		
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.62619	98°	38.626198°	
пеш				-121.44632	21 °	-121.446321 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:29275 DS_ID:24553 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Only manhole present--need to coordinate with owner to determine if crossing is still presnt and whether manhole corresponds to this crossing.

FIELD_STRUCT_DESC: 8-inch (not 10-inch as indicated in desk study) sewer pipe through the levee, 7.5 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986).

FS Date: 12/20/2013



Manhole visible on landward side.

LM Start	1.33	Rating **	U	Issue No.		49	
LM End	1.33	Issue Type +	En	Location *	WS		
Category			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.62621	8 °	38.626218°	
пеш				-121.44631	8 °	-121.446318°	
DWR ID							
		Comn	nent Coc	le			

Inspector Comment

FS_ID:49933 DS_ID:24443 EP_NO: 15152 Repair Type: Urgent

Crossing Status: Indicator Found

UCIP Comments: 8/11/2016 Markers still missing. Will need to update depth below crown once construction is completed. (DWR UCIP - omagana)12/20/2013 Unable to confirm if crossing is the same one authorized through permit. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent is located on the waterside (WS) shoulder. (4-inch line installed under Permit No. 15152, 1989 - Pacific Gas and Electric Company [PG&E]; 4-inch will be raised above the 200-year water surface elevation within the levee crown under Permit No. 15152-1, 2016 - PG&E)

FS Date: 8/11/2016

Photo 1 of 2: UCIP_FA_2016_49933_75853.jpg



View of WS

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.33	Rating **	U	Issue No.		49 (cont)	
LM End	1.33	Issue Type +	En	Location *		WS	
Catagoni Supplemental				GPS Lat	itud	e/Longitude	
Calegory	Category			Start		End	
Item	DWR UCIP Field Study			38.62621	8 °	38.626218	٥
пеш				-121.44631	8°	-121.446318	٥
DWR ID							

Inspector Comment

Comment Code

FS_ID:49933 DS_ID:24443 EP_NO: 15152 Repair Type: Urgent

Crossing Status: Indicator Found

UCIP Comments: 8/11/2016 Markers still missing. Will need to update depth below crown once construction is completed. (DWR UCIP - omagana)12/20/2013 Unable to confirm if crossing is the same one authorized through permit. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent is located on the waterside (WS) shoulder. (4-inch line installed under Permit No. 15152, 1989 - Pacific Gas and Electric Company [PG&E]; 4-inch will be raised above the 200-year water surface elevation within the levee crown under Permit No. 15152-1, 2016 - PG&E)

FS Date: 8/11/2016



No signs of crossing visible through levee or channel.

LM Start	1.39	Rating **	A/W	Issue No.		34
LM End	1.39	Issue Type +	Ma	Location * LS		LS
Category	Earthen Levee			GPS La	atitude	e/Longitude
Category			Start		End	
Item	Slope Sta	bility	38.6266	01°	38.626601 °	
пеш				-121.4450	16°	-121.445016 °
DWR ID	DWR_NA0	001_07_s _ 201	2_34			

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Damage caused by foot traffic.

Photo 1 of 1: FA_2016_NA0001_58_34_20160914_00029.jpg



View of the landside levee slope damaged by foot traffic.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.50	Rating **	М	Issue No.		8		
LM End	1.50	Issue Type +	En	Location *		LS		
Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroachi	ments		38.6275	26°	38.627526°		
item				-121.4433	10°	-121.443310°		
DWR ID DWR_NA0001_07_s _ 2013_8								
		Comn	nent Cod	le				
FE : Fence	Э							
Inspector Comment								



View of the fence obstruction visibility and access at the landside levee toe.

LM Start	1.52	Rating **	U	Issue No.	37		
LM End	1.52	Issue Type +	En	Location *		LS	
Category	evee	GPS La	atitud	le/Longitude			
Category				Start		End	
Item	Encroach	ments		38.627655°		38.627655°	
пеш				-121.4429	74°	-121.442974°	
DWR ID	DWR_NA0						
Comment Code							

FE : Fence

Inspector Comment

Photo 1 of 1: FA_2016_NA0001_58_37_20160914_00030.jpg



View of the fence at the landside levee toe.

LM Start	1.53	Rating **	U	Issue No.		43		
LM End	1.54	Issue Type +	En	Location *		LS		
Category	evee	GPS Latitude/Longitude						
Category	egory					End		
Item	Encroach	ments		38.627675°		38.627718°		
пеш				-121.4428	74°	-121.442631 °		
DWR ID	DWR_NA0	001_07_s _ 201	4_43					
	Comment Code							

FE : Fence

Inspector Comment

New fence constructed on the property line with 18 inch CMU block base.



View of a fence at the landside levee toe obstructing visibility and access.

*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable A: Acceptable M: Not Inspected/Rated CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy Ob: Design & System Obsolescence

C: Corrected A/W: Acceptable but Monitor & Maintain Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.55	Rating **	U	Issue No.		30		
LM End	1.55	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroachments				43°	38.627743°		
item						-121.442526°		
DWR ID	DWR_NA0	001_07_s _ 201	2_30					
		Comn	nent Cod	de				
BU : Buildi	ng							
		Inspecto	or Comm	nent				
Large side	Large side building is within 10-ft of the levee toe.							



View of the building at the landside levee toe.

LM Start	1.57	Rating **	U	Issue No.	3		
LM End	1.57	Issue Type +	En	Location *	LS		
Catagony	evee	GPS Latitude/Longitude					
Category				Start		End	
Item	Encroach	ments		38.627768°		38.627768°	
item				-121.4421	85 °	-121.442185°	
DWR ID	DWR ID DWR_NA0001_07_s _ 2012_3						
Comment Code							

FE : Fence

Inspector Comment

Wooden privacy fence is within 10-ft of the levee toe.



Wooden privacy fence is constructed at the landside levee toe.

LM Start	1.58	Rating **	U	Issue No.		4	
LM End	1.58	Issue Type +	En	Location *	LS		
Cotagon Earthen Levee				GPS La	titud	e/Longitude	
Category			Start		End		
Item	Encroach	ncroachments)7°	38.627707°	
item				-121.44196	65 °	-121.441965 °	
DWR ID	DWR_NA0	001_07_s _ 201	2_4				
	Comment Code						
FE : Fence							

Inspector Comment

Wooden privacy fence is within 10-ft of the levee toe.



11/17/2011 Wooden privacy fence is constructed at the toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.60	Rating **	М	Issue No.		47		
LM End	1.60	Issue Type +	En	Location *		LS		
Supplemental				GPS Latitude/Longitude				
Category		Start		End				
Item	DWR UCI	P Field Study		38.62776	°	38.627760	٥	
пеш				-121.44159	3°	-121.441593	0	
DWR ID								

Inspector Comment

Comment Code

FS_ID:46795 DS_ID:24835 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 11/12/15 Markers have been installed on both levees--confirmed during 2015 DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13

Gas line - no markers visible. No permit available.

FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee and

under the channel at an unknown depth.

FS Date: 12/20/2013

LM Start	1.60	Rating **	М	Issue No.	47 (cont)
LM End	1.60	Issue Type +	En	Location *	LS



Markers installed through both levees in 2015.

Photo 2 of 2: UCIP_FA_2016_46795_57525.jpg



Undergound service alert (USA) markings visible on floodwall.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.61	Rating **	M	Issue No.		29	
LM End	1.61	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachments				33°	38.627733°	
пеш				-121.4414	15 °	-121.441415°	
DWR ID DWR_NA0001_07_s _ 2012_29							
		Comn	nent Cod	de			
FE : Fence	Э						
		laanaat					
		inspecti	or Comm	ient			
Privacy fe	Privacy fence is within 10-ft of the levee toe.						



11/17/2011 Privacy fence is constructed at the toe.

Rating ** Issue No. LM Start 1.62 С 39 Issue Type + Location * LS LM End 1.62 Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 38.627711° 38.627711 -121.441210 ° -121.441210 ° DWR ID DWR_NA0001_07_f _ 2015_39 Comment Code

PR: Prunings

Inspector Comment

No Photos

LM Start	1.63	Rating **	U	Issue No.		27		
LM End	1.63	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Encroach	ments		38.6276	81 °	38.627681	0	
пеш				-121.4410	21 °	-121.441021	0	
DWR ID	DWR_NA0	001_07_s _ 201	2_27					
	Comment Code							

FE : Fence

Inspector Comment

Privacy fence and overgrown trees are within 10-ft of the levee toe.



11/17/2011 Privacy fence is constructed at the toe.

* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
D: Unacceptable
AW: Acceptable but Monitor & Maintain

** Rating
A: Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.63	Rating **	М	Issue No.		28
LM End	1.63	Issue Type +	En	Location *		LS
Category Earthen Levee				GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Encroach	ments		38.6276	68°	38.627668 °
пеш				-121.4410	18°	-121.441018°
DWR ID DWR_NA0001_07_s _ 2012_28						
		Comn	nent Cod	de		
FE : Fence)					
		Inspecto	or Comm	nent		
Privacy fence is within 10-ft of the levee toe.						



11/17/2011 Privacy fence is constructed at the toe.

LM Start	1.64	Rating **	U	Issue No.		26	
LM End	1.64	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS La	titud	e/Longitude	
Category				Start		End	
Itom	Encroach	ments		38.6276	67°	38.627667°	
item	Item			-121.4408	37°	-121.440837°	
DWR ID	WR ID DWR_NA0001_07_s _ 2012_26						
Comment Code							

FE : Fence

Inspector Comment

Wooden privacy fence is within 10-ft of the levee toe.

Photo 1 of 1 : FA_2016_NA0001_58_26_20160914_00024.jpg



View of the wooden fence at the landside levee toe.

LM Start	1.65	Rating **	U	Issue No.	25		
LM End	1.65	Issue Type +	En	Location *	LS		
Category	GPS La	atitud	e/Longitude				
Category	Category					End	
Item	Encroach	ments		38.6276	77°	38.627677°	
item	item				29°	-121.440629°	
DWR ID	DWR_NA0	001_07_s _ 201	2_25				
		Comn	nent Cod	le			
FE : Fence)						
	Inspector Comment						
Wooden p	Wooden privacy fence is within 10-ft of the levee toe.						



11/17/2011 Wooden privacy fence is constructed at the toe.

* Location	** Rating		+ Issue Type	
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy	
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.66	Rating **	U	Issue No.		40
LM End	1.66	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Encroachi	ments		38.6277	'27 °	38.627727°
item				-121.4404	42°	-121.440442°
DWR ID DWR_NA0001_07_s _ 2016_40						
		Comn	nent Cod	de		
FE : Fence	Э					
		Inspecto	or Comm	nent		



View of the fence at the landside levee toe.

LM Start	1.67	Rating **	М	Issue No.		41		
LM End	1.67	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS La	atitud	e/Longitude		
Calegory	Category					End		
Item	Encroach	38.6278	03°	38.627803°				
пеш				-121.4402	70°	-121.440270 °		
DWR ID	DWR_NA0	001_07_s _ 201	6_41			·		
	Comment Code							
FE : Fence)							

Inspector Comment

Photo 1 of 1: FA_2016_NA0001_58_41_20160914_00034.jpg



View of the fence at the landside levee toe.

LM Start	1.68	Rating **	U	Issue No.		44	
LM End	1.68	Issue Type +	En	Location *	LS		
Catagory Earthen Levee			GPS Latitude/Longitude				
Calegory	Category					End	
Item	Encroachments			38.627874°		38.627874°	
item				-121.4401	34°	-121.440134°	
DWR ID	DWR_NA0	001_07_s _ 201	6_44			·	
Comment Code							
FE : Fence)						

Inspector Comment



View of the fence at the landside levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.69	Rating **	U	Issue No.		6	
LM End	1.69	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Encroachments			38.6279	948°	38.627948 °	
пеш				-121.4399	58°	-121.439958 °	
DWR ID	DWR ID DWR_NA0001_07_s _ 2012_6						
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Wooden privacy fence with vines are within 10-ft of the levee toe.							



View of the wooden fence at the landside levee toe.

LM Start	1.69	Rating **	U	Issue No.		1		
LM End	1.69	Issue Type +	En	Location *	LS			
Category	Earthen Levee GPS Latitu				atitud	e/Longitude		
Calegory			Start		End			
Item	Encroachi	ments	nents			38.627956 °		
пеш				-121.4399	62°	-121.439962 °		
DWR ID	DWR_NA0	001_07_s _ 201	2_1					
		Comn	nent Cod	de				
BU : Buildi	ng							
-								
	Inspector Comment							

Construction of new structure is witin 15' of levee.



View of the shed at the landside levee toe.

LM Start	1.70	Rating **	U	Issue No.		7	
LM End	1.70	Issue Type +	En	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachments			38.6279	35°	38.627935 °	
item				-121.4397	58°	-121.439758°	
DWR ID	DWR_NA0	001_07_s _ 201	2_7				
Comment Code							
BU : Buildi	ng						
BU : Buildi	ng	Comn	nent Cod	le			

Inspector Comment

Corner of building protrudes into levee slope. Wooden fence is built on the levee slope.

Photo 1 of 1: FA_2016_NA0001_58_7_20160914_00008.jpg



11/17/2011 Building is constructed at the toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.72	Rating **	М	Issue No.		24	
LM End	1.72	Issue Type +	En	Location *		LS	
Cotogon	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	Vegetation			86°	38.628086 °	
пеш				-121.4395	44 °	-121.439544°	
DWR ID DWR_NA0001_07_s _ 2012_24							
		Comn	nent Cod	de			
V6 : Lands	scaping						
		Inspecto	or Comm	nent			
Palm tree was trimmed up.							



View of palm tree within 10-ft of the levee toe trimmed up from previous inspection.

1.74	Rating **	U	Issue No.		23	
1.74	Issue Type +	En	Location *	LS		
Category Earthen Levee			GPS La	titud	le/Longitude	
Category			Start		End	
Encroachi	ments		38.6282	21 °	38.628221 °	
			-121.4391	-121.439138°		
DWR ID DWR_NA0001_07_s _ 2012_23						
Comment Code						
	1.74 Earthen L Encroach	1.74 Issue Type + Earthen Levee Encroachments DWR_NA0001_07_s _ 201	1.74 Issue Type + En Earthen Levee Encroachments DWR_NA0001_07_s _ 2012_23	1.74 Issue Type + En Location * Earthen Levee GPS La Start Encroachments 38.6282 -121.43913 DWR_NA0001_07_s _ 2012_23	1.74 Issue Type + En Location * Earthen Levee GPS Latitud Start Encroachments 38.628221 ° -121.439138 ° DWR_NA0001_07_s _ 2012_23	

FE : Fence

Inspector Comment

Wooden fence and cedar trees are within 10-ft of levee toe.

Photo 1 of 1 : FA_2016_NA0001_58_23_20160914_00021.jpg



View of wooden privacy fence constructed at the toe.

LM Start	1.75	Rating **	U	Issue No.		9		
LM End	1.75	Issue Type +	En	Location *		LS		
Category Earthen Levee			GPS Latitude/Longitude					
Category	y			Start		End		
Item	Encroach	ments		38.6281	97°	38.628197°		
item				63 °	-121.438863 °			
DWR ID	DWR ID DWR_NA0001_07_s _ 2012_9							
	Comment Code							

FE : Fence

Inspector Comment

Wooden privacy fence is within 10-ft of the levee toe.



11/17/2011 Wooden privacy fence is constructed at the toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement
	*		•

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.79	Rating **	U	Issue No.		10	
LM End	1.79	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	/egetation			273°	38.628273°	
пеш					255°	-121.438255 °	
DWR ID	DWR_NA0	001_07_s _ 201	2_10				
		Comn	nent Cod	de			
V6 : Lands	scaping						
Inspector Comment							
Ivy and other landscape plantings have grown up chain link fence on the levee toe. Building is within 10-ft of the levee toe. Prunings are on							

the levee slope.



Landscaping has grown over the fence and obstructs visibility and

LM Start	1.80	Rating **	U	Issue No.		11		
LM End	1.80	Issue Type +	En	Location *	LS			
Earthen Levee				GPS Latitude/Longitude				
Calegory	Category			Start		End		
Item	Vegetatio	n		38.6282	97°	38.628297°		
пеш				-121.4379	95 °	-121.437995 °		
DWR ID DWR_NA0001_07_f _ 2012_11								
	Comment Code							

V6: Landscaping

Inspector Comment

Dense ivy and landscaping planted on chain link fence on levee toe. Porch and awning are within 10-ft of the levee toe.



11/17/2011 Overgrown vegetation obstructs visibility and access.

LM Start	1.81	Rating **	U	Issue No.		12
LM End	1.81	Issue Type +	En	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Category			Start		End	
Item	Encroach	ments		38.6283	07°	38.628307°
пеш				-121.4378	42 °	-121.437842°
DWR ID DWR_NA0001_07_s _ 2012_12						
Comment Code						

FE : Fence

Inspector Comment

Chain link privacy fence with barbed wire is within 10-ft of levee toe.



11/17/2011 Barbed wire topped privacy fence is located at the toe.

+ Issue Type Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side : Acceptable : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence A/W : Acceptable but Monitor & Maintain U : Unacceptable En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.82	Rating **	U	Issue No.		13				
LM End	1.82	Issue Type +	En	Location *	LS					
Category Earthen Levee				GPS La	atitud	e/Longitude				
Calegory				Start		End				
Item	Encroach	ments		38.6283	803°	38.628303 °				
пеш				-121.437693 °		-121.437693 °				
DWR ID	DWR_NA0	001_07_s _ 201	2_13							
		Comn	nent Cod	de						
FE : Fence	e									
	Inspector Comment									
Chain link privacy fence is within 10-ft of levee toe.										



11/17/2011 Privacy fence is located at the toe.

LM Start	1.83	Rating **	U	Issue No.		14				
				1						
LM End	1.83	Issue Type +	En	Location *		LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude				
Odlogory				Start		End				
Item	Encroach	ments		38.6283	03°	38.628303°				
itom				-121.4375	30 °	-121.437530 °				
DWR ID	DWR_NA0	001_07_s _ 201	2_14							
		Comn	nent Cod	de						
FE : Fence)									
Inspector Comment										
Chain link privacy fence is within 10-ft of levee toe.										



Fall 2009 photo of privacy fence within 10-ft of the levee toe obstructs visibility and access.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.84	Rating **	U	Issue No.		15		
LM End	1.84	Issue Type +	En	Location *	LS			
Earthen Levee			GPS La	atitud	le/Longitude			
Category				Start		End		
Item	Vegetatio	n		38.6282	95°	38.628295 °		
пеш				-121.437282°		-121.437282 °		
DWR ID DWR_NA0001_07_s _ 2012_15								
		Comn	nent Cod	de				
V6 : Lands	caping							
		Inspecto	or Comm	nent				
Dense ivy growing on chain link fence within 10-ft of levee toe.								

LM Start	1.84	Rating **	U	Issue No.	15 (cont)
I M End	1.84	Issue Type +	En	Location *	LS



11/17/2011 Dense vegetation at the toe.

Photo 2 of 2: FA_2016_NA0001_58_15_20160914_00017.jpg



Fall 2009 photo of dense ivy and fence obstruct visibility and access.

LM Start	1.86	Rating **	U	Issue No.	16		
LM End	1.86	Issue Type +	En	Location *	LS		
Category	Earthen Levee			GPS La	atitud	le/Longitude	
Calegory	ory			Start		End	
Item	Vegetation			38.6282	62°	38.628262°	
item				-121.4369	85°	-121.436985°	
DWR ID	DWR_NA0	001_07_s _ 201	2_16				
Comment Code							
V6 : Landscaping							

Inspector Comment

Dense ivy and trees along chain link fence on levee toe. Large building is within 10-ft of levee toe.



11/17/2011 Vegetation and building obstruct visibility and access to the levee toe.

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

**Rating

A : Acceptable N: Not Inspected/Rated Ms : Maintenance Deficiancy

C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

**Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.87	Rating **	U	Issue No.		22		
LM End	1.87	Issue Type +	En	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroach	ments		38.6283	18°	38.628318°		
item				-121.436794°		-121.436794°		
DWR ID DWR_NA0001_07_s _ 2012_22								
		Comn	nent Cod	de				
BU : Buildi	ng							
Inspector Comment								
Wooden shed and landscaping along chain link fence within 10-ft of levee toe.								



11/17/2011 Building is too close to the levee toe and obstructs visibility and access.

LM Start	1.89	Rating **	U	Issue No.	21		
LM End	1.89	Issue Type +	En	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category	Category			Start		End	
Item	Vegetatio	n		38.6282	80°	38.628280°	
пеш				-121.4363	65 °	-121.436365 °	
DWR ID	DWR ID DWR_NA0001_07_s _ 2012_21						
Comment Code							

V6 : Landscaping

Inspector Comment

Wooden side building and juniper trees along chain link fence are within 10-ft of landside toe.



11/17/2011 Building and landscaping are too close to the levee toe.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 08 Magpie Creek Diversion	Left	1.44

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	2/29/2016 - 2/29/2016		10/21/2016 - 10/21/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.30	Rating **	A/W	Issue No.		5	
LM End	0.49	Issue Type +	Ob	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.6681	91°	38.668116 °	
пеш				-121.442059 °		-121.438661 °	
DWR ID	DWR_NA0	001_08_s _ 201	2_5				
		Comn	nent Cod	de			
V8 : Enviro	nmental F	Requirements.					
Inspector Comment							
Re-vegetation site on levee slope.							

No Photos

LM Start	0.30	Rating **	М	Issue No.		4	
LM End	0.49	Issue Type +	En	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
				Start		End	
Item	Encroachments			38.66819	1°	38.668118°	
item				-121.44205	9°	-121.438659°	
DWR ID DWR_NA0001_08_s _ 2012_4							
0 10 1							

Comment Code

FE : Fence

Inspector Comment

Chain link fence near levee toe limits access.

Photo 1 of 1: FA_2016_NA0001_59_4_20160914_00003.jpg



View of the chainlink fence at landside levee toe facing downstream.

Photo 1 of 1: FA_2016_NA0001_59_15_20160914_00007.jpg

LM Start	0.33	Rating **	U	Issue No.		15	
LM End	0.33	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Encroachments			38.6681	35°	38.668135°	
пеш				-121.4415	63°	-121.441563°	
DWR ID DWR_NA0001_08_f _ 2013_15							
		Comn	nent Cod	de			
BU : Buildi	ng						
Inspector Comment							
Building within 10 feet of landside levee toe.							



View of the building within 10 feet of landside levee toe, facing downstream.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.39	Rating **	U	Issue No.		22	
LM End	0.39	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	titud	le/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.6681	55 °	38.668155 °	
пеш				-121.4404	84°	-121.440484 °	
DWR ID DWR_NA0001_08_s _ 2014_22							
		Comn	nent Cod	de			
FE : Fence							
Inspector Comment							
New fence appears to be constructed at the property line. Fence limits visibility of the landside.							

Photo 1 of 1 : FA_2016_NA0001_59_22_20161031_00015.jpg
1.0/21/2016

View of the fence at the landside levee toe.

LM Start	0.40	Rating **	U	Issue No.		6
LM End	0.43	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.6681	47°	38.668141°
пеш				-121.440248 °		-121.439755°
DWR ID	DWR_NA0	001_08_s _ 201	2_6			
		Comn	nent Cod	de		
V6 : Lands	caping					
Inspector Comment						
Vines on fence limit visibility.						



View of the vines on fence obstructing visibility of landside toe.

NA0001

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.51	Rating **	U	Issue No.		1	
LM End	1.03	Issue Type +	En	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		38.6681	32°	38.665528°	
item			-121.438229 °		-121.431688°		
DWR ID DWR_NA0001_08_s _ 2012_1							
		Comn	nent Cod	de			
MA : Mate	rial						
Inspector Comment							
This portion of the levee is inaccessible for maintenance.							



View from downstream end of inaccessible portion of Magpie Creek due to landowner restrictions. There is no levee for ARFCD to maintain at this location. However, the channel maintenance is the responsibility of Sacramento Yard, State DWR.

LM Start	1.21	Rating **	М	Issue No.		20			
LM End	1.21	Issue Type +	En	Location *	LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Encroach	ments		38.6628	38.662860°				
пеш				-121.4316	71 °	-121.431671 °			
DWR ID DWR_NA0001_08_s _ 2014_20									
		Comn	nent Cod	de					
PO : Pole									
			_						
		Inspect	or Comm	nent					

Photo 1 of 1 : FA_2016_NA0001_59_20_20160914_00008.jpg



View of the pole on landside levee toe.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.22	Rating **	М	Issue No.		2		
LM End	1.31	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroachi	ments		38.6627	715 ° 38.66158			
item				-121.4316	666° -121.431402			
DWR ID DWR_NA0001_08_s _ 2012_2								
		Comn	nent Cod	de				
FE : Fence)							
		Inspecto	or Comm	nent				
Barbed wir	Barbed wire fence runs along the levee toe.							



11/17/2011 Barbed wire fence at levee toe.

LM Start	1.28	Rating **	М	Issue No.		24		
LM End	1.28	Issue Type +	En	Location *		LS		
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UCI	P Field Study		38.6618	43°	38.661843°		
пеш				-121.4316	75°	-121.431675°		
DWR ID								

Inspector Comment

Comment Code

FS_ID:30689 DS_ID:24815 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm if conduit or gas line cross levee or

flag identifying problem areas. Need additional information.

FIELD_STRUCT_DESC: Underground service alert (USA) markers found on waterside (WS) and landside (LS) during field inspection.

FS Date: 12/20/2013

Photo 1 of 2: UCIP_FA_2016_30689_56509.jpg



View of waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.28	Rating **	М	Issue No.		24 (cont)	
LM End	1.28	Issue Type +	En	Location *	LS		
Category	Supplemental GF			GPS La	GPS Latitude/Longitude		
Calegory	Salegory		Start		End		
Item	DWR UCI	P Field Study		38.66184	ı3°	38.661843°	
пеш				-121.43167	'5 °	-121.431675°	
DWR ID						·	
	Comment Code						

Inspector Comment

FS_ID:30689 DS_ID:24815 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm if conduit or gas line cross levee or

flag identifying problem areas. Need additional information.
FIELD_STRUCT_DESC: Underground service alert (USA) markers found on waterside (WS) and landside (LS) during field inspection.

FS Date: 12/20/2013



View of landward side.

1.30 Rating ** Issue No. LM Start Μ Issue Type + Location * LM End 1.33 En LS Earthen Levee GPS Latitude/Longitude Category Start End 38.661593° Encroachments 38.661370 Item -121.431420° -121.430943° DWR ID DWR_NA0001_08_s _ 2012_7 Comment Code

FE : Fence

Inspector Comment

Cyclone fence with barbed wire within 10' of toe for part of its alignment.

Photo 1 of 1: FA_2016_NA0001_59_7_20160914_00005.jpg



11/17/2011 Chainlink fence at levee toe.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.39	Rating **	M	Issue No.		8		
LM End	1.43	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS L	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroach	ments		38.6609	38.660 ° 38.660			
пеш				-121.4300)23°	-121.429428 °		
DWR ID DWR_NA0001_08_s _ 2013_8								
		Comn	nent Cod	de				
FE : Fence	Э							
Inspector Comment								
Cyclone fence alignment returns to within 10' of toe.								



11/17/2011 Chainlink fence alignment returns to the levee toe.

LM Start	1.40	Rating **	М	Issue No.		23	
LM End	1.40	Issue Type +	En	Location *		LS	
Category	Supplemental GPS			GPS La	GPS Latitude/Longitude		
Calegory	Salegory		Start		End		
Item	DWR UCI	P Field Study		38.6609	13°	38.660913°	
пеш				-121.4299	00°	-121.429900°	
DWR ID						·	
	Comment Code						

Inspector Comment

FS_ID:29329 DS_ID:24384 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Non-functional crossing--need to coordinate with owner, DWR-Inspector, and CVFPB to determine how to properly

abandon crossing.

FIELD_STRUCT_DESC: *ABANDONED* 24-inch pipe through the levee, 8.0 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at waterside (WS) end. Concrete "U" headwall and splash apron on WS end. Landside (LS) end cutoff and plugged, riser filled with dirt. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 72+10).

FS Date: 12/20/2013

Photo 1 of 2: UCIP_FA_2016_29329_54333.jpg



View of riser with slide gate located on waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	1.40	Rating **	М	Issue No.		23 (cont)	
LM End	1.40	Issue Type +	En	Location *		LS	
Category			GPS Lat	itud	e/Longitude		
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.66091	3°	38.660913	0
пеш				-121.42990	0 °	-121.429900	0
DWR ID							

Inspector Comment

Comment Code

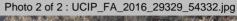
FS_ID:29329 DS_ID:24384 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Non-functional crossing--need to coordinate with owner, DWR-Inspector, and CVFPB to determine how to properly abandon crossing.

FIELD_STRUCT_DESC: *ABANDONED* 24-inch pipe through the levee, 8.0 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at waterside (WS) end. Concrete "U" headwall and splash apron on WS end. Landside (LS) end cutoff and plugged, riser filled with dirt. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 72+10).

FS Date: 12/20/2013





Slide gate non-functional--riser filled with soil.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 09 American River	Right	4.20

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/1/2016 - 3/1/2016		10/21/2016 - 10/26/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

Trim / Thin Trees 38.567267 ° 38.5	LM Start	0.34	Rating **	N	Issue No.		30			
Start Er	LM End	0.34	Issue Type +	Ma	Location *		LS			
Start En	Catagory	Earthen L	evee		GPS La	atitud	le/Longitude			
ttem	Calegory				Start		End			
-121.389069 ° -121.3 DWR ID DWR_NA0001_09_s _ 2016_30 Comment Code T5 : Tree stumps.	ltom	n Trees		38.5672	67°	38.567267°				
Comment Code T5 : Tree stumps.	item				-121.389069 °		-121.389069°			
T5 : Tree stumps.	DWR ID DWR_NA0001_09_s _ 2016_30									
<u> </u>	Comment Code									
Inspector Comment	T5 : Tree s	stumps.								
Inspector Comment										
	Inspector Comment									



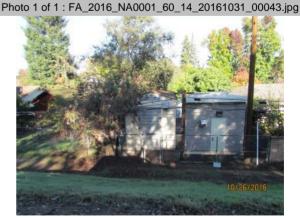
View of the tree stump on the landside levee toe.

LM Start	0.40	Rating **	N	Issue No.		12				
LM End	0.40 Issue Type + Ma Location * LS									
Category	Earthen L	evee	GPS La	atitud	e/Longitude					
Calegory				Start		End				
Item	Trim / Thi	38.5667	'25 °	38.566725°						
-121.389935 ° -121.38993										
DWR ID DWR_NA0001_09_f _ 2013_12										
Comment Code										
T5 : Tree stumps.										
Inspector Comment										



View of the tree stump at the landside levee toe.

LM Start	0.45	Rating **	N	Issue No.		14			
LM End	0.45	Issue Type +	Ma	Location *		LS			
Category	Earthen L	evee	GPS La	atitud	e/Longitude				
Category				Start		End			
Item	Trim / Thi	n Trees		38.5662	298°	38.566298°			
пеш				-121.390680 ° -121.3906		-121.390680°			
DWR ID DWR_NA0001_09_s _ 2012_14									
Comment Code									
T5 : Tree s	stumps.								
Inspector Comment									
Tree trunk	at fence li	ne.							



Tree trunk at fence line.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	1.29	Rating **	М	Issue No.		31		
LM End	1.29	Issue Type +	En	Location *	LS			
Category	Suppleme	ental	GPS Latitude/Longitude					
Calegory			Start	End				
Item	DWR UCI	P Field Study		38.56228	5°	38.562285 °		
пеш	item					-121.405265 °		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:29347 DS_ID:24394 EP_NO: N/A

Repair Type: Non-Urgent
Crossing Status: Indicator Found

UCIP Comments: Need to contact owner to determine status of

crossing.

FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel pipe through the levee, 14.0 feet below the crown. Riser unit on waterside (WS). (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 296+85). Pipe abandonment was referenced in Permit No. 4622 (1964).

FS Date: 12/5/2013

LM Start	1.29	Rating **	М	Issue No.	31 (cont)
LM End	1.29	Issue Type +	En	Location *	LS



View of landward side.

Photo 2 of 2: UCIP_FA_2016_29347_54362.jpg



View of waterward side--tall riser located approximately 200 feet away.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	1.88	Rating **	A/W	Issue No.		28			
LM End	1.88	Issue Type +	Ма	Location *		LS			
Cotogoni	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Item	Slope Sta	bility		38.5611	71 °	38.561171 °			
пеш	-121.415808° -121.415								
DWR ID DWR_NA0001_09_s _ 2016_28									
Comment Code									
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.									
Inspector Comment									



View of the landside levee slope.

LM Start	1.93	Issue No.		32				
LM End	1.93 Issue Type + En Location * LS					LS		
Category	Suppleme	ental	GPS Latitude/Longitude					
Calegory			Start		End			
Item	P Field Study	38.5608	89°	38.560889°				
пеш		-121.4171	96°	-121.417196°				
DWR ID								
Comment Code								

Inspector Comment

FS_ID:29351 DS_ID:24597 EP_NO: 17587

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm if riser belongs to this crossing-need to coordinate with owner to determine specifics. Description needs to be updated.

FIELD_STRUCT_DESC: 54-inch water main through the levee at

unknown depth. (Permit No. 17587-2003)

FS Date: 12/5/2013

Photo 1 of 2: UCIP_FA_2016_29351_54369.jpg



Three risers located on waterward berm.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	1.93	Rating **	М	Issue No.		32 (cont)		
LM End	1.93	Issue Type +	En	Location *	LS			
Category				GPS Latitude/Longitude				
Calegory		Start		End				
Item	DWR UCI	P Field Study		38.56088	9°	38.560889°		
пеш				-121.41719	6°	-121.417196°		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:29351 DS_ID:24597 EP_NO: 17587

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm if riser belongs to this crossing-need to coordinate with owner to determine specifics. Description needs to be updated.

FIELD_STRUCT_DESC: 54-inch water main through the levee at

unknown depth. (Permit No. 17587-2003)

FS Date: 12/5/2013



View of waterward berm looking toward levee crown from waterward berm edge.

1.95 Rating ** М Issue No. LM Start 34 Issue Type + Location * LS 1.95 En LM End Supplemental GPS Latitude/Longitude Category Start End DWR UCIP Field Study 38.561064° 38.561064 Item -121.417323° -121.417323 DWR ID Comment Code

Inspector Comment

FS_ID:30124 DS_ID:24395 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm crossing--need to contact owner to determine status of crossing.

FIELD_STRUCT_DESC: 60-inch sewer main through the American River overflow area. Erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487 (1986).

FS Date: 12/5/2013

Photo 1 of 2: UCIP_FA_2016_30124_55522.jpg



View of berm on waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	1.95	Rating **	М	Issue No.		34 (cont)		
LM End	1.95	Issue Type +	En	Location *		LS		
Category				GPS Latitude/Longitude				
Calegory	y			Start		End		
Item	DWR UCI	P Field Study		38.56106	4 °	38.561064°		
пеш				-121.41732	3°	-121.417323°		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:30124 DS_ID:24395 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm crossing--need to contact owner to

determine status of crossing.

FIELD_STRUCT_DESC: 60-inch sewer main through the American River overflow area. Erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487 (1986). FS Date: 12/5/2013



Rip rap used along waterward toe.

1.96 Rating ** М Issue No. LM Start 42 Issue Type + En Location * LS 1.96 LM End Supplemental GPS Latitude/Longitude Category Start End DWR UCIP Field Study 38.561119° 38.561119 Item -121.417581° -121.417581 DWR ID

Comment Code

Inspector Comment

FS_ID:46085 DS_ID:24649 EP_NO: 12188

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm crossing--need to contact owner to determine specifics and status of crossing.

FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (Permit No. 12188-1979) Erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487 (1986).

FS Date: 12/5/2013

Photo 1 of 2: UCIP_FA_2016_46085_54713.jpg



View of waterward berm.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	1.96	Rating **	М	Issue No.		42 (cont)		
LM End	1.96	Issue Type +	En	Location *		LS		
Supplemental Supplemental				GPS Latitude/Longitude				
Calegory	Category					End		
Item	DWR UCI	P Field Study		38.56111	9°	38.561119	0	
пеш	item		-121.41758	1 °	-121.417581	0		
DWR ID								

Inspector Comment

Comment Code

FS_ID:46085 DS_ID:24649 EP_NO: 12188

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm crossing--need to contact owner to

determine specifics and status of crossing.

FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (Permit No. 12188-1979) Erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487 (1986).

FS Date: 12/5/2013



View of waterward edge--rip rap used to armor toe.

LM Start	2.51	Rating **	М	Issue No.		38			
LM End	2.51	Issue Type +	En	Location *	LS				
Catagory	Supplemental Supplemental				GPS Latitude/Longitude				
Category				Start		End			
Item	DWR UCI	P Field Study		38.5687	67°	38.568767°			
пеш	item		-121.4211	78°	-121.421178°				
DWR ID									

Comment Code

Inspector Comment

FS_ID:31309 DS_ID:24515 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm crossing, will need to contact

owner to determine specifics and status of crossing.

FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) pipe through the levee. Riser unit on waterside (WS). (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 365+14).

FS Date: 12/5/2013

Photo 1 of 2: UCIP_FA_2016_31309_57338.jpg



View of waterward side.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	2.51	Rating **	М	Issue No.		38 (cont)		
LM End	2.51	Issue Type +	En	Location *	ion * LS			
Supplemental				GPS Latitude/Longitude				
Calegory	Category					End		
ltom	DWR UCI	P Field Study		38.5687	67°	38.568767°		
пеш	Item		-121.4211	78°	-121.421178°			
DWR ID						·		

Inspector Comment

Comment Code

FS_ID:31309 DS_ID:24515 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm crossing. will need to contact

owner to determine specifics and status of crossing.

FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) pipe through the levee. Riser unit on waterside (WS). (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 365+14).

FS Date: 12/5/2013



View of landward side.

LM Start	2.56	Rating **	U	Issue No.		23		
LM End	2.56	Issue Type +	En	Location *	CR			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	Category					End		
Item	Encroach	ments		38.5693	80°	38.569380°		
пеш	tem				25 °	-121.421325°		
DWR ID DWR_NA0001_09_f _ 2016_23								
Comment Code								

MW: Monitoring Well

Inspector Comment

Monitoring well does not meet Title 23 standards. Well should be flush with the levee crown.

Photo 1 of 1: FA_2016_NA0001_60_23_20161031_00042.jpg



View of the monitoring well on the levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	2.66	Rating **	A/W	Issue No.		27	
LM End	2.66	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol	38.5708	82 °	38.570882°		
item			-121.420927 ° -12				
DWR ID	DWR_NA0	001_09_s _ 201	6_27				
Comment Code							
A1 : Exterminate rodents and backfill and compact or grout burrows.							

. .

Inspector Comment

LMA backfilled the rodent holes. This area should be monitored for possible rodent activity.



View of the rodent holes on the landside levee slope.

LM Start	2.70	Rating **	A/W	Issue No.		26
LM End	2.70	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory						End
Item	Animal Co	ontrol		38.5714	31 °	38.571431 °
пеш			-121.4207	37°	-121.420737 °	
DWR ID DWR_NA0001_09_s _ 2016_26						

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

LMA backfilled the rodent holes. This area should be monitored for possible rodent activity.

Photo 1 of 1: FA_2016_NA0001_60_26_20160914_00006.jpg

View of the rodent holes in the landside levee slope.

Photo 1 of 1: FA_2016_NA0001_60_2_20160914_00002.jpg

LM Start	3.06	Rating **	U	Issue No.		2
LM End	3.19	Issue Type +	En	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory	lory			Start		End
Item	Encroach	ments		38.5764	23°	38.578248°
item				-121.4191	17°	-121.418475°
DWR ID	WR ID DWR_NA0001_09_s _ 2012_2					

Comment Code FE : Fence

laanaatau

Inspector Comment



View of the trimmed vegetation on the chain linked fence still obstructing visibility.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	3.19	Rating **	U	Issue No.	1		
LM End	3.27	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		38.5782	58°	38.579363°	
пеш				-121.4184	75°	-121.418100 °	
DWR ID DWR_NA0001_09_s _ 2012_1							
	Comment Code						
FE : Fence)						
		Inspecto	or Comm	nent			



View of the fence at the landside levee toe.

LM Start	3.30	Rating **	М	Issue No.		24	
LM End	3.30	Issue Type +	En	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetatio	n		38.5798	51°	38.579851 °	
пеш				-121.4178	-121.417896 ° -121.4178		
DWR ID	DWR ID DWR_NA0001_09_f _ 2015_24						
		Comn	nent Cod	de			
V6 : Lands	caping						
			_				
		Inspecto	or Comm	nent			
Vine on the	Vine on the LS fence blocking visibility.						



View of the vines on the fence at the landside levee toe.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	3.32	Rating **	М	Issue No.	35		
LM End	3.32	Issue Type +	En	Location *	LS		
Category	ental	GPS Latitude/Longitude					
Category	Category					End	
Item	DWR UCI	P Field Study		38.58009	4 °	38.580094°	
пеш				-121.41782	1 °	-121.417821 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:30125 DS_ID:24412 EP_NO: 17671

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm if manhole is part of this crossing--

need to contact owner to determine status of crossing.

FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landside (LS). (Permit No. 17671-2003)

FS Date: 12/5/2013

LM Start	3.32	Rating **	М	Issue No.	35 (cont)
LM End	3.32	Issue Type +	En	Location *	LS

Photo 1 of 2: UCIP_FA_2016_30125_55526.jpg



View of waterward side.

Photo 2 of 2: UCIP_FA_2016_30125_55528.jpg



Underground service alert (USA) paint found on bike path on waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	3.34	Rating **	М	Issue No.		33
LM End	3.34	Issue Type +	En	Location *		LS
Category	ental	GPS Latitude/Longitude				
Calegory				Start		End
Item	DWR UC	IP Field Study		38.58034	7°	38.580347°
пеш				-121.41773	4 °	-121.417734°
DWR ID						,

Inspector Comment

Comment Code

FS_ID:29633 DS_ID:24404 EP_NO: 12188

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to confirm if crossing is still active--need to

contact owner to determine status of crossing.

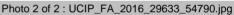
FIELD_STRUCT_DESC: 60-inch concrete encased steel sewer line through the levee, 17.0 feet below the crown. Cutoff wall around pipe at the center of the levee. Rock revetment on waterside (WS) slope. Three pressure manholes in overflow area along pipe path. (Permit No. 12188-1979)

FS Date: 12/5/2013

LM Start	3.34	Rating **	М	Issue No.	33 (cont)	
LM End	3.34	Issue Type +	En	Location *	LS	



View of landward side.





Underground service alert (USA) markings still present on levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	3.34	Rating **	М	Issue No.		41	
LM End	3.34	Issue Type +	En	Location *	LS		
Category	Supplemental			GPS Latitude/Longitude			
Category				Start		End	
Item	DWR UCIP Field Study			38.5804	35 °	38.580435 °	
iteiii				-121.4177	11 °	-121.417711°	
DWR ID							

Comment Code

Inspector Comment

FS_ID:41437 DS_ID:24566 EP_NO: 17671

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to confirm location with owner.
FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landside (LS). (Permit No. 17671-2003)

FS Date: 12/5/2013

LM Start	3.34	Rating **	М	Issue No.	41 (cont)
LM End	3.34	Issue Type +	En	Location *	LS



Overview of landward side.

Photo 2 of 2: UCIP_FA_2016_41437_55531.jpg



Underground service alert (USA) markings found on levee crown for 60inch pipe.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	3.42	Rating **	М	Issue No.	39	
LM End	3.42	Issue Type +	En	Location *	LS	
Catagory	Category Supplemental				titud	e/Longitude
Category						End
Item	DWR UCI	P Field Study		38.58157	'2 °	38.581572°
пеш				-121.41781	9°	-121.417819°
DWR ID	DWR ID					
Comment Code						

Inspector Comment

FS_ID:30684 DS_ID:24816 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: unable to determine if crossing goes through levee.

Need to obtain additional information to confirm crossing.

FIELD_STRUCT_DESC: Water fountain found on waterside (WS).

FS Date: 12/5/2013





View of landward side.





View of waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	3.68	Rating **	М	Issue No.		40	
LM End	3.68	Issue Type + En Location		Location *		LS	
Category	Suppleme	ental		GPS Lati	tud	e/Longitude	
Calegory			Start		End		
Item	DWR UCI	P Field Study		38.58434	1°	38.584344	0
item			-121.42096	3°	-121.420968	0	
DWR ID							

Inspector Comment

Comment Code

FS_ID:31304 DS_ID:24817 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to confirm crossing size--need additional

information about crossing.

FIELD_STRUCT_DESC: 1 of 2: Crossing through levee at unknown depth. Concrete structure (7x15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off.

FS Date: 12/5/2013

LM Start	3.68	Rating **	М	Issue No.	40 (cont)
LM End	3.68	Issue Type +	En	Location *	LS



Concrete box and electrical box located on waterward shoulder.

Photo 2 of 2: UCIP_FA_2016_31304_57320.jpg



Bike path located on waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	3.69	Rating **	М	Issue No.		36
LM End	3.69	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Lat	itud	e/Longitude
Calegory				Start		End
Item	DWR UCI	P Field Study		38.58435	5°	38.584355 °
пеш				-121.42098	9°	-121.420989°
DWR ID						

Comment Code

Inspector Comment

FS_ID:31306 DS_ID:24818 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Unable to confirm pipe size--need additional

information about crossing.

FIELD_STRUCT_DESC: 2 of 2: Crossing through levee at unknown depth. Concrete structure (7x15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off. No permit was found for this crossing.

FS Date: 12/5/2013

LM Start	3.69	Rating **	М	Issue No.	36 (cont)
LM End	3.69	Issue Type +	En	Location *	LS



Concrete box and electrical boxes located on waterward shoulder.

Photo 2 of 2: UCIP_FA_2016_31306_57328.jpg



Bike path located on waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	10/21/2016 10/26/2016	Maksim Khashchuk

LM Start	3.72	Rating **	M	Issue No.	37		
LM End	3.72	Issue Type +	En	Location *	LS		
Category				GPS La	titud	e/Longitude	
Calegory			Start		End		
Item	DWR UCI	IP Field Study		38.5847	10°	38.584710	0
пеш				-121.4214	96°	-121.421496	0
DWR ID							
Comment Code							

Inspector Comment

FS_ID:31307 DS_ID:24819 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Unable to confirm is pipe crosses levee--no permit

available.

FIELD_STRUCT_DESC: Service box located on waterside (WS) and landside (LS). Unable to confirm crossing exists through levee. No permit found for this potential crossing.

FS Date: 12/5/2013

LM Start	3.72	Rating **	М	Issue No.	37 (cont)
LM End	3.72	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_31307_57335.jpg



View of concrete service box located on waterward shoulder.

Photo 2 of 2: UCIP_FA_2016_31307_57334.jpg



Concrete box located inside fenced area located on landward side.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 10 American River	Right	3.90

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/1/2016 - 3/1/2016		10/26/2016 - 10/26/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start		Rating **	М	Issue No.	130		
LM End		Issue Type +	En	Location *	LS		
Category	ental	GPS Latitude/Longitude					
Category				Start		End	
Item	DWR UCI	P Field Study		38.58377	1 °	38.583771	0
пеш				-121.34013	5°	-121.340135	0
DWR ID							
Comment Code							

Inspector Comment

FS_ID:49898 DS_ID:25448 EP_NO: 4777-A

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 1-1/2 inch PVC natural gas service line sleeved through existing 2-1/2 inch steel pipe through levee. (Permit No. 4777-A-1974, 4777-1964, Sacramento County Department of Public Works, Water Quality Division) Permit No. 4777 was issued for original 2-1/2 inch line and Permit No. 4777-A was issued for the 1-1/2 inch PVC liner. Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413.

FS Date: 4/1/2016

LM Start		Rating **	М	Issue No.		131
LM End		Issue Type +	En	Location *		LS
Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR UCIP Field Study			38.5837	28°	38.583728 °
item				-121.3401	78°	-121.340178°
DWR ID						

Inspector Comment

Comment Code

FS_ID:50053 DS_ID:25449 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments:

FIELD_STRUCT_DESC: 3-inch diameter plastic vynal conduit chlorine line sleeved through steel pipe through the right bank of the levee 2 feet below crown. (Permit No. 4535-1964, Northeast Sacramento County Sanitation District) Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. FS Date: 4/1/2016

No Photos

Photo 1 of 2: UCIP_FA_2016_50053_75902.jpg



WS View - underground service alert (USA) markings indicating pipe alignment.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

** Rating

A: Acceptable N: Not Inspected/Rated Ob: Design & System Obsolescence

A: Acceptable C: Corrected Ob: Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	Rating ** M			Issue No. 131 (cont)			_
LM End		Issue Type +	En	Location *	cation * LS		
Category				GPS Latitude/Longitude			
Category				Start		End	
Item	DWR UCI	P Field Study		38.58372	28°	38.583728	0
пеш				-121.3401	78°	-121.340178	0
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:50053 DS_ID:25449 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments:

FIELD_STRUCT_DESC: 3-inch diameter plastic vynal conduit chlorine line sleeved through steel pipe through the right bank of the levee 2 feet below crown. (Permit No. 4535-1964, Northeast Sacramento County Sanitation District) Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. FS Date: 4/1/2016

Photo 2 of 2: UCIP_FA_2016_50053_75903.jpg



USA markings indicate 2.5-inch steel line.

LM Start	0.00	Rating **	M	Issue No.		123
LM End	0.00	Issue Type +	En	Location *		LS
Category	Suppleme	ental		GPS La	titud	le/Longitude
Calegory				Start		End
DWR UCIP Field Study				38.9999	99°	38.999999°
Item				-121.9999	99°	-121.999999 °
DWR ID						·

Comment Code

Inspector Comment

FS_ID:30571 DS_ID:24470 EP_NO: 3063

Repair Type: Non-Urgent Crossing Status: Not Found

UCIP Comments:

FIELD_STRUCT_DESC: * DELETE (Duplicate Entry).

FS Date: 12/4/2013

No Photos

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	0.00	Rating **	U	Issue No.		16
LM End	0.62	Issue Type +	En	Location *		CR
Category	Earthen L	evee		GPS La	atitud	e/Longitude
				Start		End
Encroachments			38.6009	17°	38.592184°	
пеш				-121.3321	00°	-121.334347°
DWR ID DWR_NA0001_10_s _ 2012_16						
		Comn	nent Cod	de		
UR : Urbai	n					
		Inspecto	or Comm	nent		



Levee encroached on by property owners north of Arden Way. This section is not reasonably accessible.

LM Start	0.62	Rating **	М	Issue No.		122
LM End	0.62	Issue Type +	En	Location *	CR	
Category				GPS La	titud	le/Longitude
Category				Start		End
Item	DWR UCIP Field Study			38.5921	05°	38.592105°
пеш					23 °	-121.334423°
DWR ID						·

Comment Code

Inspector Comment

FS_ID:31450 DS_ID:24820 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to determine alignment of crossing, does it

cross levee? Permit?

FIELD_STRUCT_DESC: Protective posts located on landside (LS) for what appears to be for gas/petroleum line. Unable to confirm if line goes through levee or if line runs parallel. No permit found.

FS Date: 12/4/2013

Photo 1 of 2: UCIP_FA_2016_31450_57501.jpg



View of protective posts located on landward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	0.62	Rating **	М	Issue No.		122 (cont)	
LM End	0.62	Issue Type +	En	Location *		CR	
Category Supplemental				GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCIP Field Study			38.59210	5°	38.592105	٥
пеш				-121.33442	3°	-121.334423	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:31450 DS_ID:24820 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to determine alignment of crossing, does it

cross levee? Permit?

FIELD_STRUCT_DESC: Protective posts located on landside (LS) for what appears to be for gas/petroleum line. Unable to confirm if line goes through levee or if line runs parallel. No permit found.

FS Date: 12/4/2013



No signs of crossing on waterward side.

LM Start	0.72	Rating **	M	Issue No.		118	
LM End	0.72	Issue Type +	En	Location *		CR	
Supplemental				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.591003°		38.591003°	
пеш				-121.33545	9°	-121.335459°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:26281 DS_ID:24464 EP_NO: 12725

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm if this crossing is the same under permit 12725. Drinking fountain and water flow prevention located on waterward side. Need to coordinate with American River Flood Control

District.

FIELD_STRUCT_DESC: 6-inch steel water pipe through the levee, 2.5 feet below the crown. Arcade Water District well at landside (LS) toe.

(Permit No. 12725-1980) FS Date: 12/4/2013

Photo 1	of 2 : UCII	P_FA_2016_26281_47492.jpg	



View of waterward slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	0.72	Rating **	М	Issue No.	118 (cont)		
LM End	0.72	Issue Type +	En	Location *	CR		
Category				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.59100	3°	38.591003°	
пеш				-121.33545	9°	-121.335459°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:26281 DS_ID:24464 EP_NO: 12725

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm if this crossing is the same under permit 12725. Drinking fountain and water flow prevention located on waterward side. Need to coordinate with American River Flood Control District.

FIELD_STRUCT_DESC: 6-inch steel water pipe through the levee, 2.5 feet below the crown. Arcade Water District well at landside (LS) toe.

(Permit No. 12725-1980) FS Date: 12/4/2013



View of faucet located on waterward side.

LM Start	0.94	Rating **	M	Issue No.		129	
LM End	0.94	Issue Type +	En	Location *		CR	
Supplemental				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.58798	39°	38.587989°	
пеш				-121.33677	73 °	-121.336773 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:41550 DS_ID:24413 EP_NO: 2806

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to determine status of crossing--Need to

coordinate with utility owner.

FIELD_STRUCT_DÉSC: 30-inch corrugated metal (CM) pipe through the levee, 15.0 feet below the crown. Cutoff wall around pipe under landside (LS) shoulder. Flap gate and slide gate in concrete pipe well on the waterside (WS) shoulder. Large drain canal cut across the WS berm. (Permit No. 2806-1958)

FS Date: 12/4/2013

Photo 1 of 2 : UCIP_FA_2016_41550_47496.jpg



View of landward side.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	0.94	Rating **	М	Issue No.		129 (cont)	
LM End	0.94	Issue Type +	En	Location *		CR	
Supplemental				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	DWR UCI	P Field Study		38.58798	39°	38.587989°	
пеш		-			73 °	-121.336773 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:41550 DS_ID:24413 EP_NO: 2806

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to determine status of crossing--Need to

coordinate with utility owner.

FIELD_STRUCT_DESC: 30-inch corrugated metal (CM) pipe through the levee, 15.0 feet below the crown. Cutoff wall around pipe under landside (LS) shoulder. Flap gate and slide gate in concrete pipe well on the waterside (WS) shoulder. Large drain canal cut across the WS berm. (Permit No. 2806-1958)

FS Date: 12/4/2013



View of gate steam located on waterward shoulder.

LM Start	1.04	Rating **	M	Issue No.		125	
LM End	1.04	Issue Type +	En	Location *		CR	
Supplemental				GPS Latitude/Longitude			
Calegory			Start		End		
Item	DWR UCI	P Field Study		38.5868	13°	38.586813°	
item			-121.337643 °		-121.337643°		
DWR ID						·	

Comment Code

Inspector Comment

FS_ID:31284 DS_ID:24821 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Unable to determine reason for box and whether

there is a utility that crosses levee. No permit found.

FIELD_STRUCT_DESC: Service box located on waterside (WS). No

permit found. FS Date: 12/4/2013

Photo 1 of 2: UCIP_FA_2016_31284_57285.jpg



Overview of levee crown at crossing.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	1.04	Rating **	М	Issue No.		125 (cont)	
LM End	1.04	Issue Type +	En	Location *		CR	
Supplemental			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	DWR UC	P Field Study		38.586813°		38.586813°	
пеш					43 °	-121.337643 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:31284 DS_ID:24821 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Unable to determine reason for box and whether

there is a utility that crosses levee. No permit found.

FIELD_STRUCT_DESC: Service box located on waterside (WS). No

permit found. FS Date: 12/4/2013



Concrete vault located on waterward side.

Rating ** Issue No. 126 LM Start 1.28 Μ Issue Type + Location * LM End 1.28 En CR Supplemental GPS Latitude/Longitude Category Start End DWR UCIP Field Study 38.583873° 38.583873 Item -121.340037 ° -121.340037 ° DWR ID Comment Code

Inspector Comment

FS_ID:41536 DS_ID:24097 EP_NO: 12276

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to find markers indicating crossing through

levee.

FIELD_STRUCT_DESC: Two 3-inch PVC electrical conduits through the levee, 3.0 feet below the crown. Northeast Sewage Treatment Plant on waterside (WS). Conduits extend from treatment plant to

transformers located on WS. (Permit No. 12276-1980)

FS Date: 12/4/2013

Photo 1 of 2: UCIP_FA_2016_41536_47550.jpg



Overview of levee looking downstream.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	1.28	Rating **	М	Issue No.		126 (cont)		
LM End	1.28	Issue Type +	En	Location *		CR		
Category				GPS Latitude/Longitude				
Calegory		Start		End				
Item	DWR UCIP Field Study			38.58387	3°	38.583873	0	
пеш				-121.34003	7°	-121.340037	0	
DWR ID								

Inspector Comment

Comment Code

FS_ID:41536 DS_ID:24097 EP_NO: 12276

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to find markers indicating crossing through

levee.

FIELD_STRUCT_DESC: Two 3-inch PVC electrical conduits through the levee, 3.0 feet below the crown. Northeast Sewage Treatment Plant

on waterside (WS). Conduits extend from treatment plant to transformers located on WS. (Permit No. 12276-1980)

FS Date: 12/4/2013

Photo 2 of 2 : UC	CIP_FA_2016_41	1536_47549.jpg
		W W ZIE

View of transformers located on waterward side.

LM Start	1.28	Rating **	М	Issue No.		121
LM End	1.28	Issue Type +	En	Location *		CR
Category	ental	GPS Latitude/Longitude				
Category				Start		End
Item	DWR UCI	P Field Study		38.58387	′3°	38.583873°
item				-121.34003	37 °	-121.340037°
DWR ID						

Inspector Comment

Comment Code

FS_ID:26299 DS_ID:24477 EP_NO: 7993

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Unable to confirm if crossing buried is the same as this crossing. Need to contact owner to confirm utility description. FIELD_STRUCT_DESC: 6-inch plastic lined steel pipe through the levee at unknown depth. Steel cutoff wall around pipe at center of levee. (Permit No. 7993-1973)

FS Date: 12/4/2013

Photo 1 of 2: UCIP_FA_2016_26299_47575.jpg



Overview of levee crown looking downstream.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	1.28	Rating **	М	Issue No.		121 (cont)		
LM End	1.28	Issue Type +	En	Location *	CR			
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UCIP Field Study			38.58387	'3 °	38.583873 °		
пеш				-121.34003	87°	-121.340037 °		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:26299 DS_ID:24477 EP_NO: 7993

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Unable to confirm if crossing buried is the same as this crossing. Need to contact owner to confirm utility description. FIELD_STRUCT_DESC: 6-inch plastic lined steel pipe through the levee at unknown depth. Steel cutoff wall around pipe at center of

levee. (Permit No. 7993-1973)

FS Date: 12/4/2013



View of waterward side--Underground Alert System markers showing alignment.

LM Start	1.28	Rating **	М	Issue No.		119		
LM End	1.28	Issue Type +	En	Location *	CR			
Category	ental	GPS Latitude/Longitude						
Calegory				Start		End		
Item	DWR UCIP Field Study			38.5837	80°	38.583780°		
пеш				-121.3401	26°	-121.340126°		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:26296 DS_ID:24568 EP_NO: 3599B

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to determine status of structure-unable to determine if crossing is being used. Only indicator visible during inspection was the underground alert service markers and spray paint visible on the levee crown.

FIELD_STRUCT_DESC: 1 of 3: [River Walkway Station] 12-inch concrete encased pipe through the levee, 15.3 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe-not found 2013. Sewage treatement plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599B-1964) Contact: Sacramento Reginal Offic e 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413.

FS Date: 12/4/2013

Photo 1 of 2: UCIP_FA_2016_26296_47558.jpg



Overview of levee crown looking downstream.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

NA0001

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	1.28	Rating **	М	Issue No.		119 (cont)			
LM End	1.28	Issue Type +	En	Location *		CR			
Category	ental	GPS Latitude/Longitude							
Calegory				Start		End			
Item	DWR UCIP Field Study			38.58378	o°	38.583780°			
пеш				-121.34012	6°	-121.340126°			
DWR ID						·			
	Comment Code								

Inspector Comment

FS_ID:26296 DS_ID:24568 EP_NO: 3599B

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to determine status of structure-unable to determine if crossing is being used. Only indicator visible during inspection was the underground alert service markers and spray paint visible on the levee crown.

FIELD_STRUCT_DESC: 1 of 3: [River Walkway Station] 12-inch concrete encased pipe through the levee, 15.3 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe-not found 2013. Sewage treatement plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599B-1964) Contact: Sacramento Reginal Offic e 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413.

FS Date: 12/4/2013





View of waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	1.29	Rating **	М	Issue No.		120			
LM End	1.29	Issue Type +	En	Location *		Location *		CR	
Category	GPS Latitude/Longitude								
Category				Start		End			
Item	DWR UCIP Field Study				o°	38.583750	0		
пеш				-121.34014	3°	-121.340143	0		
DWR ID									

Inspector Comment

Comment Code

FS_ID:26298 DS_ID:24567 EP_NO: 3599A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to determine status of structure. Need to coordinate with owner to determine maintenance records to confirm

integrity

FIELD_STRUCT_DESC: 2 of 3: [River Walkway Station] 36-inch concrete encased pipe through the levee, 6.9 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatement plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599A-1964) Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413.

FS Date: 12/4/2013

LM Start	1.29	Rating **	М	Issue No.	120 (cont)	
LM End	1.29	Issue Type +	En	Location *	CR	

Photo 1 of 2: UCIP_FA_2016_26298_47569.jpg



Overview of levee crown.

Photo 2 of 2: UCIP_FA_2016_26298_47571.jpg



USA markers indicate alignment through levee crown.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	1.29	Rating **	М	Issue No.		117
LM End	1.29	Issue Type +	En	Location *	CR	
Category	Suppleme		GPS Lat	itud	e/Longitude	
Category				Start		End
Item	DWR UC	P Field Study		38.58373	8 °	38.583738 °
пеш				-121.34016	1 °	-121.340161 °
DWR ID						·

Comment Code

Inspector Comment

FS_ID:26426 DS_ID:24098 EP_NO: 3599

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to determine status of structure--unable to determine if crossing is still being used. Underground service alert (USA) flag indicates 60 inch pipe through levee. Need to clarify. FIELD_STRUCT_DESC: 3 of 3: [River Walkway Station] 54-inch concrete encased pipe through the levee, 8.5 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatement plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599-1964) Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. FS Date: 12/4/2013

LM Start	1.29	Rating **	М	Issue No.	117 (cont)
I M End	1 20	Issue Type +	Fn	Location *	CR

Photo 1 of 2: UCIP_FA_2016_26426_47982.jpg



Overview of levee crown looking downstream.

Photo 2 of 2: UCIP_FA_2016_26426_47980.jpg



View of Underground Service Alert (USA) markers and flags confirming buried sewer lines.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	1.53	Rating **	М	Issue No.		128	
LM End	1.53	Issue Type +	En	Location *		CR	
Category Supplemental GP					ituc	le/Longitude	
Calegory				Start		End	
Item	DWR UCI	P Field Study		38.58159	4 °	38.581594°	
пеш				-121.34362	2 °	-121.343622°	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:41548 DS_ID:24419 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to find out the status of crossing--unable to

determine if crossing is being used.

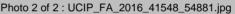
FIELD_STRUCT_DESC: 24-inch pipe through the levee, 7.0 feet below

the crown. Concrete inspection box at waterside (WS) toe.

FS Date: 1	2/4/2013				
LM Start	128 (cont)				
LMEnd	1 53	Issue Type +	En	Location *	CP



Structure located on landward side.





View of waterward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	1.53	Rating **	М	Issue No.		127	
LM End	1.53	Issue Type +	En	Location *		CR	
Category	Suppleme	Supplemental GPS Latitude/Longitude					
Category					End		
Item	DWR UCI	P Field Study		38.58158	3°	38.581588 °	
пеш				-121.34363	1°	-121.343631 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:41546 DS_ID:24101 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need to determine the status of crossing--unable to

determine if crossing is still active.

FIELD_STRUCT_DESC: 8-inch pipe through the levee. Concrete

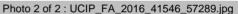
inspection box on the landside (LS) slope.

FS Date: 12/4/2013

LM Start	1.53	Rating **	М	Issue No.	127 (cont)
LM End	1.53	Issue Type +	En	Location *	CR



Structure located on waterward side.





View of landward side--chlorine line adjacent to 8-inch pipe.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	1.61	Rating **	М	Issue No.		124
LM End	1.61	Issue Type +	En	Location *		CR
Category	ental	GPS Latitude/Longitude				
Category				Start		End
Item	DWR UCI	P Field Study		38.58099	1°	38.580991 °
пеш				-121.34491	7 °	-121.344917 °
DWR ID						

Inspector Comment

Comment Code

FS_ID:30575 DS_ID:24822 EP_NO: N/A

Repair Type: Non-Urgent
Crossing Status: Indicator Found

UCIP Comments: 2nd marker visible on landward side at levee mile

1.63 (38.581564 -121.343806).

FIELD_STRUCT_DESC: Marker indicating water line located on landside (LS) toe. Unable to determine if line runs parallel to levee or if

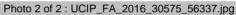
line crosses levee. Unable to find permit for work.

FS Date: 12/4/2013

LM Start	1.61	Rating **	М	Issue No.	124 (cont)
LM End	1.61	Issue Type +	En	Location *	CR



Waterline marker at levee mile 1.63.





Waterline marker at levee mile 1.7.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	2.41	Rating **	A/W	Issue No.		7	
LM End	2.41	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Slope Sta	bility		38.5751	26°	38.575126°	
item				-121.3575	75°	-121.357575 °	
DWR ID DWR_NA0001_10_f _ 2013_7							
		Comn	nent Cod	de			
S2 : Repai where pos		slope damag	jed by fo	ot traffic an	d pr	event access	
		Inspecto	or Comm	nent			

Photo 1 of 1 : FA_2016_NA0001_61_7_20160914_00003.jpg

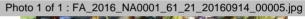
View of the pathway on the landside levee slope.

LM Start	3.49	Rating **	A/W	Issue No.		21
LM End	3.49	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee	GPS Latitude/Longitude			
Calegory	egory			Start		End
Item	Slope Sta	oility		38.5694	84°	38.569484°
пеш				-121.3758	41 °	-121.375841 °
DWR ID	DWR_NA0	001_10_f _ 201	5_21			
			. ^			

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment





View of the footpath on the landside levee slope.

LM Start	3.74	Rating **	A/W	Issue No.		116		
LM End	3.74	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee	ree GPS Latitude/Longit		le/Longitude			
Calegory				Start		End		
Item	Slope Sta	bility		38.56852	26°	38.568526°		
item				-121.38033	31 °	-121.380331 °		
DWR ID	DWR_NA0	001_10_s _ 201	2_116			·		
	Comment Code							

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Foot traffic is eroding the landside slope.

Photo 1 of 1: FA_2016_NA0001_61_116_20160914_00008.jpg



View of the erosion on the landside levee slope caused by pedestrian foot traffic.

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

**Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

**Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	3.75	Rating **	С	Issue No.		4	
LM End	3.84	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.5684	92°	38.568076 °	
пеш				-121.382001 °			
DWR ID	DWR_NA0	001_10_s _ 201	2_4				
		Comn	nent Cod	de			
V6 : Lands	caping						
		Inspecto	or Comm	nent			
Ivy and tre	Ivy and trees.						

No Photos

3.76	Rating **	M	Issue No.		27			
3.76	Issue Type +	En	Location *		LS			
Earthen L	evee		GPS La	atitud	e/Longitude			
			Start		End			
Encroachi	ments				38.568413 °			
					-121.380711 °			
DWR_NA0	001_10_f _ 201	6_27						
	Comn	nent Cod	de					
cape Irriga	tion							
	Inspecto	or Comm	nent					
	3.76 Earthen L Encroachi DWR_NA0	3.76 Issue Type + Earthen Levee Encroachments DWR_NA0001_10_f _ 2010 Common cape Irrigation	3.76 Issue Type + En Earthen Levee Encroachments DWR_NA0001_10_f _ 2016_27 Comment Coccape Irrigation	3.76 Issue Type + En Location * Earthen Levee GPS La Start Encroachments 38.5684 -121.3807 DWR_NA0001_10_f _ 2016_27 Comment Code	3.76 Issue Type + En Location * Earthen Levee GPS Latitud Start Encroachments 38.568413 ° -121.380711 ° DWR_NA0001_10_f _ 2016_27 Comment Code Cape Irrigation			



View of the landscaping irrigation at the landside levee toe.

LM Start	3.81	Rating **	N	Issue No.		26		
LM End	3.81	Issue Type +	Ma	Location *		LS		
Category	Earthen L	Levee GPS Latitude/Longi			e/Longitude			
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.5681	90°	38.568190°		
пеш				-121.3815	10°	-121.381510°		
DWR ID DWR_NA0001_10_s _ 2016_26								
		Comn	nent Cod	le				
T5 : Tree s	stumps.							
			_					
		Inspecto	or Comm	ent				



View of the tree stump at the landside levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	3.83	Rating **	N	Issue No.		23		
LM End	3.83	Issue Type +	Ma	Location *	LS			
Category	evee		GPS Latitude/Longitude					
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.5681	11 °	38.568111°		
item				-121.381896 °				
DWR ID DWR_NA0001_10_s _ 2015_23								
		Comn	nent Cod	le				
T5 : Tree s	stumps.							
			•					
		Inspecto	or Comm	ent				



View of the tree stump at the landside levee toe.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 11 New Linda Creek	Left	0.73

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	2/29/2016 - 2/29/2016		10/21/2016 - 10/21/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.08	Rating **	М	Issue No.	6			
LM End	0.08	Issue Type +	En	Location *	LS			
Category	GPS Latitude/Longitude							
Calegory				Start		End		
ltom	DWR UCI	P Field Study		38.66297	6°	38.662976	0	
пеш	Item				4 °	-121.456464	0	
DWR ID								
Comment Code								

Inspector Comment

FS_ID:31310 DS_ID:24823 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: no permit found--owner? (unauthorized?)
FIELD_STRUCT_DESC: 24-inch pipe through the levee at unknown depth. Concrete box located on waterside (WS) shoulder. Concrete wall located on waterside (WS) and landside (LS). Siphon breaker inside concrete service box located on WS shoulder. No permit found.
FS Date: 12/20/2013



View of waterward side.

LM Start 0.08 Rating ** M Issue No. 6 (cont) LM End 0.08 Issue Type + En Location * LS



View of levee crown at crossing.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.46	Rating **	Α	Issue No.		5	
LM End	0.68	Issue Type +	Ma	Location *		LS	
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.6665	00°	38.667916°	
пеш	em				20°	-121.448362°	
DWR ID DWR_NA0001_11_f _ 2016_5							
		Comn	nent Cod	de			
V1 : Contre		rass and wee	eds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			
Acceptable vegetation control.							
	3 · · · · ·						



View of the vegetation on the landside levee slope.

LM Start	0.48	Rating **	М	Issue No.		7
LM End	0.48	Issue Type +	En	Location *		LS
Category	ental	GPS Latitude/Longitude				
Category				Start		End
Item	DWR UCIP Field Study				85 °	38.666585 °
item				-121.4510	09 °	-121.451009°
DWR ID						·

Inspector Comment

Comment Code

FS_ID:31311 DS_ID:24824 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: owner? permit? (unauthorized?)

FIELD_STRUCT_DESC: 6 inch conduit through levee at unknown depth. Conduit extends across the channel, attached to bridge. FS Date: 12/20/2013

Photo 1 of 1: FA_2016_NA0001_436_5_20161031_00009.jpg



Crossing visible on waterrward side.

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.49	Rating **	М	Issue No.		8		
LM End	0.49	Issue Type +	En	Location *	LS			
Category	ental	GPS Latitude/Longitude						
Calegory	Category					End		
Item	DWR UC	IP Field Study		38.6667	45 °	38.666745°		
пеш				-121.4509	18°	-121.450918 °		
DWR ID								
Comment Code								

Inspector Comment

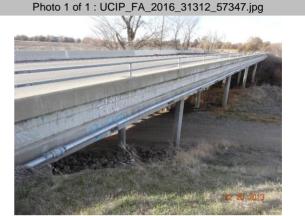
FS_ID:31312 DS_ID:24825 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: owner? permit? (unauthorized?)

FIELD_STRUCT_DESC: 4 inch conduit through levee at unknown depth. Conduit extends across the channel, attached to bridge.

FS Date: 12/20/2013



Conduit attached to the upstream face of Rio Linda Blvd Bridge.

LM Start	0.52	Rating **	M	Issue No.		9
LM End	0.52	Issue Type +	En	Location *		LS
Category	ental	GPS Latitude/Longitude				
Category				Start		End
Item	DWR UCIP Field Study				08°	38.667108°
item				-121.4508	27°	-121.450827°
DWR ID						

Comment Code

Inspector Comment

FS_ID:31313 DS_ID:24826 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: owner? permit? (unauthorized?)

FIELD_STRUCT_DESC: 24-inch (estimate only field verify) storm drain pipe through levee at an unknow depth. Concrete headwalls with debris screens located on waterside (WS) and landside (LS). Concrete box with protective posts located on WS shoulder. No permit found.

FS Date: 12/20/2013

Photo 1 of 2: UCIP_FA_2016_31313_57349.jpg



View of levee crown at crossing.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	10/21/2016 10/21/2016	Maksim Khashchuk

LM Start	0.52	Rating **	М	Issue No.	9 (cont)			
LM End	0.52	Issue Type +	En	Location *	LS			
Category	ental	GPS Latitude/Longitude						
Category	Category					End		
Itom	DWR UC	P Field Study		38.66710)8°	38.667108°		
пеш	Item				?7°	-121.450827°		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:31313 DS_ID:24826 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: owner? permit? (unauthorized?)
FIELD_STRUCT_DESC: 24-inch (estimate only field verify) storm drain pipe through levee at an unknow depth. Concrete headwalls with debris screens located on waterside (WS) and landside (LS). Concrete box with protective posts located on WS shoulder. No permit found.

FS Date: 12/20/2013

Photo 2 of 2: UCIP_FA_2016_31313_57348.jpg



Concrete vault with protective posts located on waterward shoulder.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 12 American River	Left	0.84

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	3/2/2016 - 3/2/2016		10/26/2016 - 10/26/2016	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	0.08	Rating **	М	Issue No.		2	
LM End	0.08	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Vegetation Item			38.5710	36°	38.571036°		
item				-121.3534	41°	1 ° -121.353441 °	
DWR ID DWR_NA0001_12_s _ 2014_2							
		Comn	nent Cod	le			
V6 : Lands	scaping						
			0				
		Inspecto	or Comm	ent			



View of the landscaping at the landside levee toe.

LM Start	0.10	Rating **	Α	Issue No.		8	
LM End	0.64	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			38.5711	85 °	38.576122°	
пеш			-121.3532	26°	-121.345365 °		
DWR ID	DWR_NA0	001_12_f _ 201	6_8				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

LMA does a great job of controlling vegetation on the levee slopes.

Photo 1 of 1 : FA_2016_NA0001_438_8_20161031_00014.jpg



View of the vegetation on the landside levee slope.

LM Start	0.20	Rating **	М	Issue No.		1		
LM End	0.20	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS L	atitud	e/Longitude		
Category				Start		End		
Item	Encroachi	ments		38.5720)16°	38.572016°		
item			-121.3516	33°	-121.351633 °			
DWR ID DWR_NA0001_12_f _ 2014_1								
		Comn	nent Cod	de				
ST : Stairw	<i>y</i> ay							
Inspector Comment								



View of the stairs on the landside levee slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	0.56	Rating **	A/W	Issue No.		4	
LM End	0.56	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Slope Stability			38.5753	70°	38.575370°		
item			-121.346583 °		33° -121.346583°		
DWR ID	WR ID DWR_NA0001_12_f _ 2015_4						
		Comn	nent Cod	de			
S2 : Repai where pos		slope damag	ged by fo	ot traffic an	d pre	event access	
		Inspecto	or Comm	nent			



View of the footpath on the landside levee slope.

LM Start	0.72	Rating **	M	Issue No.		11		
LM End	0.72	Issue Type +	En	Location *	LS			
Category				GPS Latitude/Longitude				
Calegory		Start		End				
Item	DWR UCI	P Field Study		38.57658	e e	38.576589	0	
item				-121.34405	3°	-121.344058	0	
DWR ID								

Comment Code

Inspector Comment

FS_ID:46995 DS_ID:24830 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm pipe size--need to contact owner to

obtain addtional information on crossing.

FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 1 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection)

FS Date: 2/25/2014

Photo 1 of 2: UCIP_FA_2016_46995_56234.jpg



Concrete vault located on landward side.

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.		11 (cont)	
LM End	0.72	Issue Type +	En	Location *		LS	
Supplemental Supplemental				GPS Latitude/Longitude			
Calegory			Start		End		
Item	DWR UCI	DWR UCIP Field Study			39°	38.576589	۰
item				-121.3440	58°	-121.344058	0
DWR ID							

Inspector Comment

Comment Code

FS_ID:46995 DS_ID:24830 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm pipe size--need to contact owner to

obtain addtional information on crossing

FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 1 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection)

FS Date: 2/25/2014



SRCSD Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

LM Start	0.72	Rating **	М	Issue No.		9
LM End	0.72	Issue Type +	En	Location *		LS
Category	Suppleme	ental		GPS La	atitud	le/Longitude
Category	alegory			Start		End
Item	DWR UCI	P Field Study		38.5765	96°	38.576596°
пеш				-121.3440	29°	-121.344029°
DWR ID						

Inspector Comment

Comment Code

FS_ID:30540 DS_ID:24829 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm pipe size--need to contact owner to

obtain addtional information on crossing.

FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 2 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection)

FS Date: 2/25/2014



SRCSD Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	0.72	Rating **	М	Issue No.	9 (cont)		
LM End	0.72	Issue Type +	En	Location *	LS		
Category			GPS Latitude/Longitude				
Calegory	alegory					End	
Item	DWR UCIP Field Study			38.57659	6°	38.576596°	
пеш					9°	-121.344029°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:30540 DS_ID:24829 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm pipe size--need to contact owner to

obtain addtional information on crossing

FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 2 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection)

FS Date: 2/25/2014



Manholes visible on landward side.

LM Start	0.72	Rating **	М	Issue No.	10		
LM End	0.72	Issue Type +	En	Location *	LS		
Category				GPS Latitude/Longitude			
Category				Start		End	
Item	DWR UCIP Field Study			38.57660	0°	38.576600°	
item	item			-121.34400	8°	-121.344008°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:46994 DS_ID:24828 EP_NO: N/A

Repair Type: Non-Urgent
Crossing Status: Indicator Found

UCIP Comments: Unable to confirm pipe size--need to contact owner to

obtain addtional information on crossing.

FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 3 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection)

FS Date: 2/25/2014



SRCDS Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	10/26/2016 10/26/2016	Maksim Khashchuk

LM Start	0.72	Rating **	М	Issue No.		10 (cont)		
LM End	0.72	Issue Type +	En	Location *		LS		
Supplemental				GPS Latitude/Longitude				
Calegory	Category					End		
Item	DWR UCI	IP Field Study		38.57660	o°	38.576600	0	
пеш				-121.34400	B°	-121.344008	٥	
DWR ID								

Inspector Comment

Comment Code

FS_ID:46994 DS_ID:24828 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Unable to confirm pipe size--need to contact owner to

obtain addtional information on crossing.

FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 3 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection)

FS Date: 2/25/2014



Concrete vault for 3 crossings located on landward side.

LM Start	0.73	Rating **	A/W	Issue No.		3	
LM End	0.73	Issue Type +	Ма	Location *	Location * LS		
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory						End	
Item	Slope Sta	bility	38.5766	63°	38.576663°		
item				-121.3438	05°	-121.343805 °	
DWR ID	DWR_NA0	001_12_f _ 201	5_3				

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1: FA_2016_NA0001_438_3_20160914_00003.jpg



View of the footpath on the landside levee slope.

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